

**SUBMITTED BY:** 

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# <u>Motto</u>

To Love and To Enlighten

# <u>Vision</u>

A fountain of excellence and commitment to create an enlightened, harmonious and prosperous society.

# <u>Mission</u>

To promote the all-round development of the students through holistic education in an environment of academic excellence, social sensitivity, eco friendliness and spiritual outlook.

# Core values

Faith in God

Moral Uprightness

Love of Fellow Beings

Social Responsibility

Pursuit of Excellence

### About us...

Christ Senior Secondary School Guna was established in the year 1980 by CMI Seva Sangh with a view of detecting the stream of talents and potentialities of the youngsters of Guna. The School aims at the integral development of students. Along with the training of reading, writing and arithmetic students are empowered to face the challenges of life through various extra curricular activities. The motto of the school is "**To Love and To Enlighten**".

**CMI** (Carmelites of Mary Immaculate) Seva Sangh is a Registered Charitable Society. The CMI congregation started by Saint Cyriac Elias Chavara in the year 1855 is now spread all over India and abroad. One of the main areas of service of the society is education.

Christ Senior Secondary School, had a humble beginning with Class VI and reached up to Class XII in the year 1986 sending out the first batch under Madhyamik Shiksha Mandal, Bhopal, M.P. The school became a full-fledged one in the year 1992 when the primary classes were also started in response to the demands of the people around. Later in the year 1994 the school was affiliated to CBSE.

The School is a Co-Education English Medium School catering from KG. to XII, and follows courses prescribed by the Central Board of Secondary Education, Delhi. It is an Unaided Recognised Minority School with all the privileges of a Minority Institution. The goal of the institute may be summed up as the integral development of the human person in the words Mahatma Gandhi, "it is an all round drawing out the best in child and man; body, mind and spirit." The students are provided with good training and encouragement so as to reach this goal.

Besides, the school makes earnest effort to help its alumni grow up into well accomplished, gentle personalities with an all round development of their faculties and talents. We base our training deeply on the fatherhood of God and consequent brotherhood of all men.

### SCHOOL CULTURE

## OUR EDUCATIONAL ETHOS

Our efforts will be to help you learn:

- To keep yourself and your surroundings clean. It is the reflection of your inner self.
- To compete with yourself to know your weaknesses such as laziness, to achieve more and more better.
- That success or achievement does not come by chance or luck. Luck smiles on those who burn the midnight oil
- To pray to the almighty to give you the strength to achieve the things you can and the serenity to accept what you cannot and the wisdom to know the difference.
- Never to disown, hurt or oppress the poor, nor to bend your knees before the insolent might.
- Not to waste time, there is never enough time to learn, to

love, to give, to achieve, to wonder, to leave behind a legacy.

- To apply reason and intellect in all matters, not to be moved by emotions and feelings.
- To appreciate the beauty and goodness in the universe, the beauty and goodness within you, the beauty and goodness in others.
- That a good deed sets in motion a chain of other good deeds, just as a warm smile will not fail to reflect another warm smile.
- That every human being is basically good; if anyone is bad to you, it is not your fault; nor it is his fault; he may have been treated badly by others.
- Never to curse darkness, but to light a candle instead.
- That this great universe and all it contains is the creation of the almighty and nothing happens in this universe without His knowledge and consent. Hence man should endeavour to work in tune with nature and the almighty.
- That nothing is absolute or final in life; that change is unavoidable law of growth; that we never possess the absolute truth; we have only partial truths; be willing to give up the partial truth as we discover more truth.
- To develop within you harmony of body and soul, nature and creativity, reason and desire.
- Not to be afraid to go against the current. It is better to be struggling with a hard task than being complacent over a small success.

- That each individual is unique, and must find his own path in life to success and fulfillment. There is no challenge and therefore no reward in the beaten path; each one blossoms in one's own uniqueness. You decide your destiny and make it.
- Others, even teachers and parents are only helpers.
- To be always on the search to discover, to explore the possibilities and opportunities.
- That it is possible to agree to disagree; that is O.K. to be different; not to feel guilty to assert oneself.
- That you learn to give, and give it generously till it pains. I low much you may give, it is never more than you have received, for what you have received is infinite: life and love.
- To be prepared to pay the price of greatness: Jesus Christ was crucified and killed before he rose from death to eternal life, Socrates had to drink the cup of hemlock and die before the world acknowledged his greatness, Siddhartha had to renounce his palace and kingdom before he became the Buddha.

## ANNUAL EDUCATIONAL GOALS

- To provide ample scope for physical, intellectual and social development of students.
- To integrate environmental education in different disciplines from classes I – XII.
- To promote inclusive education by providing equal opportunities to all students.
- To promote innovations in knowledge and its application to keep pace with global trends
- To nurture life skills by prescribed curricular and cocurricular activities
- > To uphold constitutional values.
- To prescribe specific and general teaching and assessment objectives.

### LONG TERM EDUCATIONAL GOALS

- To explore innate potentials of students
- > To achieve cognitive, affective and psychomotor excellence
- To inculcate values and foster international understanding in society.
- To promote lifelong learning
- > To make use of technology for betterment of humankind.
- To enhance self awareness.
- To promote moral uprightness
- To enhance love for fellow beings
- To promote social responsibility

# School Name and complete address with phone number(s), Fax No., email Id, website etc.

CHRIST SENIOR SECONDARY SCHOOL P.B NO. 15, GUNA DT, MADHYA PRADESH – 473001 Ph.07542-221268 E-mail-christguna80@gmail.com

Web site: www.christguna.edu.in

Name of Principal	:	Dr. (Fr.) Thomas Kollappilly
Contact No.	:	9425837805
E-mail id	:	kollappily@gmail.com
School Details		
Year of Affiliation	:	1994
Affiliation No.	:	1030061
School code	:	50028
<ul> <li>Type of School</li> </ul>	:	Senior Secondary,
		Co-Education and
		Day School.
No. of Students	:	3757 (Total)
		Boys: 2189 Girls: 1568
• (a) No. of Divyang Children	:	Nil
(Special Needs)		
(b) Facilities Available	:	Nil
• (a) No. of students in Day Sc	hool	: 3757
(b) Day Boarding		: Nil
(c) Boarding		: Nil
<ul> <li>Location Type</li> </ul>		: Urban
• Is the School a Minority Scho	: Yes (Christian Minority)	
School Quality Accreditation		
Details (if any)		: ISO certified

# Number of students on Roll (Class wise)

Class	Pre- Pri.	I	II	111	IV	v	VI	VII	VIII
No. of	15	7	6	6	6	7	6	7	5
Sections									_
Students	707	211	272	260	208	202	271	201	225
on roll	131	511	212	209	290	502	2/1	504	233

Class	IX	x	XI	ХП	Stre	eams and Sec	subjects . Level	in Sr.
No. of Sec.	5	5	3	3	Sci.	Comm.	Huma.	Voca.
Stu. on roll	225	211	128	128	111	145	Nil	Nil

# **School Academic Performance:**

a) Pass percentage during the last Academic Session: 2020-21

Class	No. of	No. of	Pass
	Students	Students	Percentage
	Appeared	Passed	
I	268	268	100
	270	270	100
111	285	285	100
IV	298	298	100
V	278	278	100
VI	302	302	100
VII	233	233	100
VIII	233	223	100
IX	216	216	91
XI	143	143	84

### b) **Board Examination at a Glance**:

Class	No. of	No. of	Pass	No. of	No. of	Special
	Students	students	Percentage	students	students	Remarks
	Appeared	Passed		with A1	with A2	if any
				Marks -	Marks -	
				91 to	81 to 90	
				100		
Х	166	166	100	25	30	Nil
XII	109	109	100			

### c. Staff Details:

The number of the teachers including librarian, PET and principal in position (Regular, Adhoc or Part-time)

			Part	Number of	
Group	Regular	Adhoc	timo	Tea	chers
			time	Trained	Untrained
Pre-Primary	20	Nil	Nil	20	Nil
Primary	56	Nil	Nil	56	Nil
Middle	26	Nil	Nil	26	Nil
Secondary	12	Nil	Nil	12	Ni
Senior Sec.	11	Nil	Nil	11	Nil
Supervisory Heads	04	Nil	Nil	04	Nil
Special Educator					
PETs	04	Nil	Nil	04	Nil
Librarian	01	Nil	Nil	01	Nil
Music Teachers	01	Nil	Nil	01	Nil
Dance Teacher	Nil	Nil	Nil	Nil	Nil
Counsellor	01	Nil	Nil	01	Nil
Other (if any)					

## Key Strength of the School

- Well trained teachers
- Effective attitude of Principal
- Student- centered Approach
- Mentoring Programs
- Departmental Politics kept at minimum
- History of successful Open day events
- School has a strong ethos of openness, sharing and commitment to increasing parental confidence
- Parents wanting to get involved
- PTA willing to participate

# **ALUMNI DETAILS**

COURSES/COMPETITION	No. of students selected
JEE	75
NEET	50
NDA	2
ANY OTHER	



### PEDAGOGICAL PLAN COMMITTEE

- 1. PRINCIPAL
- 2. VICE-PRINCIPAL
- 3. ACADEMIC COORDINATORS
- 4. SECTION SUPERVISORS
- 5. TEACHERS
- 6. STUDENT REPRESENTATIVES

### PPC Meetings To Develop APP

Various meetings were held with different stakeholders to develop Annual Pedagogical Plan for 2021-22. These are as follows.

STAKEHOLDERS CONSULTED	DISCUSSIONS HELD
븆 PRINCIPAL	
븆 VICE-PRINCIPAL	✓ ABOUT CURRICULUM
MANAGING COMMITTEE	DEVELOPMENT
븆 TEACHERS	✓ ANNUAL DEVELPOMENT
븆 STUDENTS	PLAN
REPRESENTATIVE	✓ STUDENT DEVLOPMENT
븆 PARENTS	PLAN
NON-TEACHING STAFF	✓ TEACHER DEVELOPMENT
🕹 COMMUNITY	PLAN
REPRESENTATIVES	✓ COMMUNITY WELLNESS
LOCAL ADMINISTRATIONS	PLAN
📥 SPONSORS	✓ REMIDIAL PLAN

### **Pedagogical Vision**

We pride ourselves on knowing our students as individuals and learners. We use our knowledge of individual student's interests to create relevant and meaning learning engagements. 'Teacher facilitates students' understanding of curriculum and proves helpful in sharing and refining their practice by learning and working in teams.

### **Our Focus**

'Over the last few years harmony has regained its importance', keeping this in mind we at *"Christ Senior Secondary School"* are focusing on following:

- Moral values
- Research and Development
- Leadership Development
- Entrepreneurial Spirit

### **CURRICULUM**

# Introduction

The purpose of curriculum is to set out the general directions for fulfilling the vision of enabling students to attain life-wide and life-long learning

# Key Learning Area (KLA)

A key Learning Area is an important part of every school. Curriculum which is based on fundamental concepts of knowledge and should be acquired by every student. It involves application of various inter-related and inter-dependent skill to accelerate development.



# <u>Curriculum Framework</u>

Curriculum framework is the structure of Learning-Teaching atmosphere of a school. It is helpful in developing alternative curriculum modes to meet diversified needs of students and teachers.

The curriculum framework explains what students should know value and be able to do in future. It is a combination of following components.

- Learning objectives
- Generic skills
- Values and Attitudes

# Aims of Education

- Acquire basic knowledge for living in and contributing to development of world.
- ◆ Attain Personal growth.
- Develop curiosity and interest in learning
- Understand the evolutionary nature of education.
- Recognize usefulness of education and the inter connections between learning, education and society.
- Develop ability to inquire and solve problem.
- Be equipped with skills to communicate ideas.
- Be prepared for further studies.

# Learning Outcomes:

- Students will develop interest in learning
- Students will enhance their learning experiences
- Students will develop an inquiring mind
- Students will become Active Learners
- Students will .be able to make judgments based on evidence.

# **Teaching Resources**

Teaching Resources are important because they can help increase the student's achievement by supporting student learning. Teaching without resources is just like building a house without power tools. It is possible but takes a lot of time and efforts. Teaching Resources, whether Economic or Academic, all have some function in students learning experiences.

# Academic Resources

**4 Human Resources :-** Principal, Vice-Principal,

Co-coordinator, Administrator, Teacher, Mentor, Manger Supporting Staff

**4** Material Resources:- Black-Board, Chalk, Textbook,

Smart Board, Student, Workbook,

Library, Computer, Desk bench, Labs,

Conference Room, Activity Room,

Auditorium, Playground, Free video

Lesson, Audio Books, E-books, You-tube

Channels, Test preparation materials

# Financial Resources

The most important resource is money for education. External funding also play an important role along with domestic funding.

# **OUR TEACHING LEARNING APPROACH**

Our teaching learning approach is *student centered* with the aim of empowering students to be lifelong learners.





# ASSESSMENT

Assessment is a bridge between teaching and learning. It helps in educating each child to success. It involves integrity o 'Action' which leads to commitment to excellences.

#### <u> Liagnostic Assessment</u>

It can help to identify student's current knowledge of a subject, their skill status and capabilities and knowing students strength.

- Pre-test
- Self Assessment
- Discussion board responses
- Interview (brief, Private)

# **4** Formative Assessment

It provides feedback and information. It measures student program, as well as assesses teacher's own program as an instructor.

- Non verbal feedback during teaching
- Practice work
- Question and answers
- Session Format
- Planned, Informed and Spontaneous

# Summative Assessment

It takes place after the learning has been completed and provides information and feedback that sums of the teaching and learning process.

- Examination
- Final Examination
- Term papers
- Projects
- Portfolios
- Performance
- Student evaluation of the course

# **CO-SCHOLASTIC ACTIVITIES**

Co-scholastic activities are organized as per the CBSE guidelines.

# **ACTIVITIES ORGANISED BY SCHOOL**

Following activities are organized by school for wholesome development of students.

- Literary and Cultural Activities
- Inter-House Sports Meet
- Morning Assembly with Theme
- Bulletin Board
- Mega Event Night Sports
- Voluntary Services
- School Celebrations (Festivals and Important Days)
- School Magazines (Rainbow, Christ Times)

# **CLASSROOM OBSERVATION**

Following areas are being observed in classroom with the help of observation schedule and sheets.



# TEACHER DEVELOPMENT PLAN

A teacher as a facilitator, works to meet students requirements, develops whole school pedagogy, have deep understanding of curriculum and teaching strategies.

# Teacher development plans enables teachers to:

- Set individual goals
- Show Evidence of goals within planning
- To critically discuss their progress.
- To integrate various classroom activities
- To develop community conscious approach
- To develop rubrics for learning

# **Teacher Training Schedule:**

Various seminars, workshops and staff meetings are conducted for enhancing teaching skills and development of teachers on following areas.

- Academic Planning
- Life skills
- Smart Board Training
- First Aid
- Health & Hygiene
- Stress Management
- Development of Rubrics
- Training on latest amendments
- Time and class room management
- In-service Training (as per CBSE guidelines)
- Teacher exchange Programs
- Common Science Fair
- Joint Seminars

# **CO ORDINATION WITH THE STAKE HOLDERS**

Inter personal relationship with stakeholders:

**4** Parents

Method of the communication

- Parent's teachers meeting
- Involvement of parents in school decision making
- Inclusive celebrations of national festivals
- Seminars and input sections on parent teacher student rapport

**4** Teaching Staff

Method of the communication

- Staff meetings with personal corrections
- Updating programmes arranged for teachers about CBSE circulars
- Clusters of teachers are made for the better evaluation of individual teacher
- Evaluation scales are used for the balanced performance of teacher
- Emotional balancing courses are arranged for the teachers
- Daily updating are monitored according to the performance of the teacher

# 🖶 Other staff

# Method of the communication

- Daily functions of the school is well informed to the supporting staff
- Integrated method is used in the performance of the supporting staff
- Inclusive culture is nurtured among the staff
- All inclusive method is used with regard to school celebrations

# **4** School managing committee

# Method of the communication

- Curtail dictions are made with the help of SMC
- SMC is given with the power to act upon the decisions for the betterment of the system
- SMC meetings have been scheduled on and off to evaluate the performance of the school of every academic year
- SMC has also the responsibly to be a link between school, parent, teacher regarding its function and evaluation

# **4** Board

# Method of the communication

- Implementation of directives
- Implementation and evaluation of circulars in the school
- Correspondence to the board

## 🗕 Media

## Method of the communication

- Effective use of media is used in the school administration
- Media developments are used in the medium of communication
- Information and communication are made easy
- Every event is given as news on the media

### COMMUNITY OUTREACH AND WELLNESS PROGRAMS

### Activity

### Objective

- To visit Apna Ghar (the old Age home) To learn how to practice the 1. (Distribution of clothing, Edibles, sharing of stories)
- 2. To visit Nutrition. Rehabilitation centre for children (fruits, toys, clothes, stationery Materials)
- 3. To visit (an Orphanage) (Distribution of edibles, stationery Singing songs, Act, discussion)
- 4. To visit under privileged school.
- Visit a village (distribution of sheets, To distribute sheets for roof 5. sweets, fruits, discussion with villagers and a street play, Needs of cleanliness)
- **6.** Will visit a special school for mentally **Retarded** children

value of love, care and Empathy

To make them realize the value of them parents and of those who take care of them.

To set the budding Mind free to experience and create a world beauty in deeds. To bring smile on the faces of innocents and joy of sharing by bending their hand

covering to needy in village to protect them from heavy lashing of monsoon and to sensitize the hardship of poor To be better and refined humans with the help of values inculcated in them in the process of social sensitization

- 7. Students will visit the villages and will distribute the medicines, eatables, shawls, stationeries etc. They will prepare a skit based on the health, nutrition and cleanliness
- 8. A noble deed of Christ School is providing mid day meal to the relatives of the patients and other under- privileged people on every Sunday.
- 9. De-worm medicines were given to students.
- **10.** Health and Hygiene education for girls.
- **11.** Eye- checkups for students.
- 12. Career Guidance Programs by Resource person.

### **Collaborative activity**

- Share information and expertise, observations and reflection on various school plans, transaction strategies, learning outcomes etc.
- ✓ Co-planning of curriculum transactions and even co-teaching.
- ✓ Different sports, co-curricular activities, exhibitions etc together.
- ✓ Joint efforts in creation of new knowledge
- ✓ Resource sharing

Activities	Objective
Wall painting	awareness on drug abuse
<ul> <li>Judo training</li> </ul>	self protection
• debate	changing parenting and chi
<ul> <li>Group Discussion</li> </ul>	cleanliness and our surroundings
<ul> <li>orientation Program</li> </ul>	reorientation on study culture
<ul> <li>informative Class</li> </ul>	Indian pineal code, laws and rules
<ul> <li>reach out program</li> </ul>	face of India; live example of poverty
<ul> <li>street play</li> </ul>	women safety
• quiz	on the topic of nature and nurture

### **Examination Pattern Classes I - V**

First Periodic Test Note Book Submission + Subj. Enrichment (I.A) Half Yearly Examination -Second Periodic Test Note Book Submission + Subj. Enrichment (I.A) Third Periodic Test Annual Examination – Annual Result **Examination Pattern Classes I – VIII** First Periodic Test

Note Book Submission + Subj. Enrichment (I.A)

Half Yearly Examination

Second Periodic Test

Note Book Submission + Subj. Enrichment (I.A)

Third Periodic Test

Annual Examination – Annual Result

**Examination Pattern Classes IX – X (Session divided into two terms)** 

# Term End I – Board Exam:

Category	Scheme
Exam Hours	90 Minutes
Maximum Marks	40 Marks
Type of Questions	MCQs Only
Mode of Exam	Scenario I : in School (mostly) Scenario II : Online (if unavoidable)
Portion	50% of Pandemic Syllabus

1	Term End II – Bo	Term End II – Board Exam:					
	Category	Scheme					
	Exam Hours	120 Minutes / 2 Hrs.					
	Maximum Marks	40 Marks					
	Type of Questions	Subjective					
	Mode of Exam	Scenario I : in School (mostly) Scenario II : Online (if unavoidable)					
	Portion	50% of Pandemic Syllabus					

Internal Assessment/ Practical's/ Projects Subjects with Theory of 80 marks IX,X ----> for each term 10 Marks

Assessment	Marks
Periodic Test	3 Marks (from Avg.of.2 best)
Multi. Assessment	2 Marks
Portfolio (CW & etc.)	2 Marks
Subject Enrichment (Project or Etc ->10 Marks converted to 3)	3 Marks
TOTAL MARKS For eachTERM	10 MARKS

# Assessment Areas (Theory)

**2021-22** (Ref: as per Science Syllabus)

Theory

**TotalMaximum Marks: 80** 

Competencies	Marks
Demonstrate Knowledge and Understanding	46 %
Application of Knowledge/Concepts	22 %
Analyze, Evaluate and Create	32 %

Internal Assessment/ Practical's/ Projects Subjects with Theory of 80 marks XI,XII ----> MATHEMATICS

Assessment	Marks
Periodic Test	5 MARKS (for TERM I)
Math Activity	5 MARKS (for TERM I)
Periodic Test	5 MARKS (for TERM II)
Math Activity with External Viva	5 MARKS (for TERM II)
TOTAL MARKS For INTERNAL	20 MARKS

Internal Assessment/ Practical's/ Projects Subjects with Theory of 70 marks XI,XII ----> Physics, Chemistry, Biology

Assessment	Marks
Internal Exam by Subject Teacher (as per usual procedure)	15 MARKS (for TERM I)
Internal Exam with External Examiner (as per usual procedure)	15 MARKS (for TERM II)
TOTAL MARKS For INTERNAL	<u>30 MARKS</u>



Internal Assessment/ Practical's/ Projects ects
Subjects with Theory of 80 marks XI,XII

----> English, Economics, Business Studies, dies, Accountancy

Assessment	Marks
Stage I for Project	5 MARKS (for TERM I)
Stage II for Project	5 MARKS (for TERM I)
Stage III for Project	5 MARKS (for TERM II)
Stage IV for Project with External -Viva	5 MARKS (for TERM II)
TOTAL MARKS For INTERNAL	20 MARKS



Month	Periodic Work	Assessment Rubrics	Marks
1-3 July-	Instructions about Project Guidelines, Background reading Discussions on Theme and Selection of the Final	Introduction, Statement of Purpose/Need and Objective of the Study, Hypothesis/Research Question, Review of	5
September	Topic, Initiation/ Synopsis	Literature, Presentation of Evidence, Key Words, Methodology, Questionnaire, Data Collection.	
4-5 October- November	Planning and organisation: forming an action plan, feasibility or baseline study, Updating/modifying the action plan, Data Collection	Significance and relevance of the topic; challenges encountered while conducting the research.	5
October- November	Mid-term Assessment by internal examiner	Project Presentation & Viva Voce	10

# TERM-II PROJECT WORK: Schedule dule

Month	Periodic Work	Assessment Rubrics	Marks
1-3 July- September	Instructions about Project Guidelines, Background reading Discussions on Theme and Selection of the Final Topic, Initiation/ Synopsis	Introduction, Statement of Purpose/Need and Objective of the Study, Hypothesis/Research Question, Review of Literature, Presentation of Evidence, Key Words, Methodology, Questionnaire, Data	5
4-5 October- November	Planning and organisation: forming an action plan, feasibility or baseline study, Updating/modifying the action plan, Data Collection	Significance and relevance of the topic; challenges encountered while conducting the research.	5
October- November	Mid-term Assessment by internal examiner	Project Presentation & Viva Voce	10
October- November	examiner	Project Presentation & viva voce	10

# ASSEMBLY AND BULLETIN BOARD THEMES (IMPORTANT DAYS) January

10 <sup>th</sup> Jan.	-	World Laughter's Day
12 <sup>th</sup> Jan.	-	National Youth Day
15 <sup>th</sup> Jan.	-	Army Day
26 <sup>th</sup> Jan.	-	India's Republic Day
30 <sup>th</sup> Jan.	-	Martyr's Day
February		
28 <sup>th</sup> Feb.	-	National Science Day
March		
8 <sup>th</sup> Mar.	-	International Women's Day
15 <sup>th</sup> Mar.	-	World Disabled Day, World Consumer Rights Day
21 <sup>st</sup> Mar.	-	World Forestry Day
21 <sup>st</sup> Mar.	-	International Day for the Elimination Racial
		Discrimination
22 <sup>nd</sup> Mar.	-	World Day for Water
24 <sup>th</sup> Mar.	-	World TB Day
April		
7 <sup>th</sup> Apr.	-	World Health Day
18 <sup>th</sup> Apr.	-	World Heritage Day
22 <sup>nd</sup> Apr.	-	Earth Dav
# May

1 <sup>st</sup> May -		Workers Day (International Labour Day)			
3 <sup>rd</sup> may	-	Press Freedom Day			
May (2 <sup>nd</sup> Sund	ay)-	Mother's Day			
8 <sup>th</sup> May	-	World Red Cross Day			
11 <sup>th</sup> May	-	National Technology Day			
15 <sup>th</sup> May	-	International Day of the family			
17 <sup>th</sup> May	-	World Telecommunication Day			
31 <sup>st</sup> May	-	Anti Tobacco Day			
June					
4 <sup>th</sup> Jun.	-	International Day of Innocent Children Victims of			
		Aggression			
5 <sup>th</sup> Jun.	-	World Enviornment Day			
June( 2 <sup>nd</sup> Sunc	lay)-	Father's Day			
26 <sup>th</sup> Jun.	-	International Day against Drug abuse & Illicit			
		Trafficking			
27 <sup>th</sup> Jun.	-	World Disables Day			
July					
11 <sup>th</sup> July	-	World Population Day			
August					
3 <sup>rd</sup> Aug.	-	International Friendship Day			
6 <sup>th</sup> Aug.	-	Hiroshima Day			
9 <sup>th</sup> Aug.	-	Quit India Day and Nagasaki Day			
15 <sup>th</sup> Aug.	-	Independence Day			
29 <sup>th</sup> Aug.	-	National Sports Day			

# September

5 <sup>th</sup> Sept. 8 <sup>th</sup> Sept.	- -	Teacher's Day World Literacy Day			
16 <sup>th</sup> Sept.	-	World Ozone Day			
21 <sup>st</sup> Sept.	-	Alzheimer's Day			
26 <sup>th</sup> Sept.	-	Day of the Deaf			
27 <sup>th</sup> Sept.	-	World Tourism Day			
October					
1 <sup>st</sup> Oct.	-	International day of the Elderly			
2 <sup>nd</sup> Oct	-	Gandhi Jyanti			
3 <sup>rd</sup> Oct.	-	World Habitat Day			
4 <sup>th</sup> Oct.	-	World Animal Welfare Day			
8 <sup>th</sup> Oct.	-	Indian Air Force Day			
10 <sup>th</sup> Oct.	-	National Post Day			
13 <sup>th</sup> Oct.	-	UN International Day for National Disaster			
		reduction			
15 <sup>th</sup> Oct.	-	World White Cane Day (guiding the blind)			
16 <sup>th</sup> Oct.	-	World Food Day			
November					
11 <sup>th</sup> Nov.	-	National Education Day (In Memory of Maulana			
		Abdul Kalam Azad)			
14 <sup>th</sup> Nov.	-	Children's Day ( In India)			
December					
1 <sup>st</sup> Dec.	-	World Aids Day			
4 <sup>th</sup> Dec.	-	Navy Day			
7 <sup>th</sup> Dec.	-	Armed Forces Flag Day			
10 <sup>th</sup> Dec.	-	Human Right Day			
23 <sup>rd</sup> Dec.	-	Kisan Divas ( Farmer's Day			

### **STUDENT REMEDIAL PLAN**

:\_\_\_\_\_

CLASS

TOTAL NO. OF STUDENTS IDENTIFIED

FOR REMEDIAL CLASSES : \_\_\_\_\_

TEACHER SIGNATURE :\_\_\_\_\_

STUDENT NAME	WEAK IN SUBJECT	AREA OF WEAKNESS	SUGGESTED SOLUTION	IMPROVEMENT

# CHRIST KINDER GARTEN, GUNA

# SCHEDULE OF LITERARY & CULTURAL COMPETITIONS 2021-22

Fancy Dre	K.G I					
Single Dar	nce	K.G II				
Fancy Dre	ancy Dress					
English &	Hindi Handwriting	K.G I				
English &	K.G II					
Colouring	K.G II					
English Po	Nursery					
Poem	Recitation	K.G I				
Poem Rec	itation	K.G II				
Story Tell	ing	K.G I				
Story Tell	ing	K.G II				
Singing		K.G I				
Hindi Poe	Nursery					
Singing		K.G II				

#### LITERARY COMPETITIONS 2021 –22 (ONLINE)

S.N	EVENTS	RULES	TIMING
1.	Sketching	<ol> <li>Use only HB pencil</li> <li>All the materials necessary for drawing ( including chart paper) must be brought by the participant</li> </ol>	35 mnts.
2.	Elocution( Hindi)	Topic will be given 6 days before the competition	Max.3 mnts Minimum 2 mnts
3.	Painting	<ol> <li>Except water colour any other colour can be used</li> <li>All the materials necessary for painting must be brought by the participant</li> </ol>	40 mnts.
4.	Story Writing ( Hindi)	Visual based	40 mnts.
5.	Elocution (English)	Topic will be given 6 days before the competition	Maximum 3 mnts. Minimum 2 mnts.
6.	Poem Recitation (Hindi)		Maximum 3 mnts.
7.	Poem Recitation ( English)	Poem of Well known English poets. Lyrics of the poem, with writer's name should be submitted to the concerned teacher in-charge	Maximum 3 mnts.
8.	Short Story Writing ( Hindi)	Visual based	40 mnts.
9.	Poem Writing ( English &Hindi)	Visual based Minimum 4 lines	40 mnts.

Participants are to strictly abide by the rules and regulations of the competition otherwise will lead to the cancellation of your participation.

There is no separate category for boys & girls in the literary competition. The decision of the judges will be final and all contestants are bound to abide by it. In case of a dispute, the decision made by a panel of co-ordinators with the final approval of the principal will be final & binding

### **<u>Classroom Observation Frequency</u>**

Classroom Observation Schedule	Frequency	Done by	Findings As Available
Nursery	<ul> <li>Daily</li> </ul>	By co-coordinator	
Classes	<ul> <li>Once in three</li> </ul>	By Principal & Vice-Principal	
	Days	Vice-rincipal	
1 to 8	<ul> <li>Daily</li> </ul>	Co-coordinator	
	<ul> <li>Once in three</li> </ul>	By Principal &	
	Days	Vice - Principal	
9 to 10	<ul> <li>Once in two</li> <li>Days</li> </ul>	Principal & Vice - principal	
11 to 12	<ul> <li>Daily</li> </ul>	Principal & Vice	

## TEACHER APPRAISAL BY PRINCIPAL & VICE – PRINCIPAL

Elements Observed	Vo	0	SM	S	N
Teacher provides situation for the introduction for the lesson					
Teacher introduces scientific ideas.					
Teacher uses the materials according to their interest					
Interaction with the learner					
Teacher encourages student dialogue					
Teacher relates classroom discussion to daily life					
Teacher make connection bet Contents and ideas					
Teacher posses accurate information about content					
	Elements ObservedTeacher provides situation for the lessonintroduction for the lessonTeacher introduces scientific ideas.Teacher uses the materials according to their interestInteraction with the learnerTeacher encourages student dialogueTeacher relates classroom discussion to daily lifeTeacher make connection betContents and ideasTeacher posses accurate information about content	Elements ObservedVoTeacher provides situation for the introduction for the lesson-Teacher introduces scientific ideasTeacher uses the materials according to their interest-Interaction with the learner-Teacher encourages student dialogue-Teacher relates classroom discussion to daily life-Teacher make connection bet Contents and ideas-Teacher posses accurate information about content-	Elements ObservedVoOTeacher provides situation for the introduction for the lessonIITeacher introduces scientific ideas.IITeacher uses the materials according to their interestIIInteraction with the learnerIITeacher encourages student dialogueIITeacher relates classroom discussion to daily lifeIITeacher make connection bet Contents and ideasIITeacher posses accurate information about contentII	Elements ObservedVoOSMTeacher provides situation for the introduction for the lessonIIITeacher introduces scientific ideas.IIITeacher uses the materials according to their interestIIIInteraction with the learnerIIITeacher encourages student dialogueIIITeacher relates classroom discussion to daily lifeIIITeacher make connection bet contents and ideasIIITeacher posses accurate information about contentIII	Elements ObservedVoOSMSTeacher provides situation for the introduction for the lessonIIIITeacher introduces scientific ideas.IIIITeacher uses the materials according to their interestIIIIInteraction with the learnerIIIITeacher relates classroom discussion to daily lifeIIIITeacher make connection bet Contents and ideasIIIITeacher posses accurate information about contentIIII

#### CLASSROOM TEACHING PERFORMANCE

Teacher: .....Std: .....

Subject: .....

Appraiser: ..... Date: .....

### Note: !. Unsatisfactory 2. Good 3. Very Good 4. Excellent

#### **Instructional Skills**

1.	Knowledge of subject matter	1	2	3	4
2.	Organisation and Presentation	1	2	3	4
3.	Use of teaching materials	1	2	3	4
4.	Assignments	1	2	3	4
5.	Invitation to alertness	1	2	3	4
6.	Skill in questioning	1	2	3	4
7.	Class Participation	1	2	3	4
8.	Personal Enthusiasm	1	2	3	4
9.	Originality of skills	1	2	3	4
10.	Variation of methods	1	2	3	4
11.	Use of Positive methods	1	2	3	4
12.	Class control	1	2	3	4
13.	Learning atmosphere	1	2	3	4
14	Tone of class	1	2	3	4

Comments

Personal characteristics & class-room Management

	Voice	1	2	3	4
1					
2.	Fluent in language	1	2	3	4
3.	Good Diction	1	2	3	4
4.	Good grammar usage	1	2	3	4
5.	Dignified and well mannered	1	2	3	4
6.	Alert, confident and well-balanced	1	2	3	4
7.	General neatness and Orderliness	1	2	3	4
8.	Clearly defined discipline	1	2	3	4

Comments

Month & Week	Book / chapter	Topic	Specific Learning Objectives	Method / Presentati on ( Teaching - aids)	Integrate d Learning [Art/ Co - Scholasti c]	Student' s Activity	Learning Outcomes
July	Semest er Plus -1 Chapter -1 Aladdin in the magic lamp	<ul> <li>Fairy tale creature s</li> <li>Vocabula ry</li> <li>Wild and pet animals</li> </ul>	<ul> <li>Gain informati on about fairytale creatures</li> <li>Develop imaginar y power</li> <li>Learn Phonic sound 'a'</li> <li>Understa nd the concept of special and common nouns</li> </ul>	<ul> <li>Read and explain the chapter briefly. Ask the student s to read along with the teacher</li> <li>Focuse s on the importa nce of explora tion &amp; curiosit y</li> <li>Throug h smart class shows some fairytal e creatur es</li> <li>Text book, blackbo ard, chalk</li> </ul>	<ul> <li>Role play</li> <li>Discus s in the class</li> <li>Story telling</li> </ul>	Write five sentence s about any one fairytale creature which they like most	After the completio n of this chapter students will be able to:- Attempt comprehe nsion question to check understa nding & express their own views

August	Chapter -2 The Jamun Trees	<ul> <li>Trees are precious</li> <li>Importan ce of forests in our lives</li> <li>How to save forests</li> </ul>	<ul> <li>Gain informati on about plants and trees</li> <li>How trees are play vital role in our lives</li> <li>It is the duties of each &amp; everyone to save trees</li> <li>How childhood friendshi p becomes a important part of each &amp; everyone lives</li> <li>Understa nd countabl e and uncounta ble nouns</li> </ul>	<ul> <li>Read and explain the chapter briefly also discuss about differen t types of plants and trees</li> <li>Use the in-text life skills/ value skills for life questio ns to initiate a discuss ion in class</li> <li>Smart class, text book, blackbo ard, chalks &amp; duster</li> </ul>	<ul> <li>Drawi ng</li> <li>Draw five pictur e of trees they like most and write their name.</li> <li>Sloga n writing</li> </ul>	Encoura ge the students to express their views. also they draw a tree they like most and write some sentence about it.	<ul> <li>After the completio n of this chapter students will able to:- Learn about different types trees &amp; plants and how they precious for us.</li> <li>Say the 'e' sound approxim ately</li> <li>Understa nd the concept of countable &amp; uncounta ble nouns.</li> </ul>
r – Revision and Half Yearly Examinati on							

October	Chapter -3 Aditya was late	*	Value of school in each & everyone 's lives Learn the	*	Importan ce of school Why every child should	*	The reading extract introdu ces the student s to	*	Speec h Prepar e a short Speec h on	Ask the students to write some sentence s about the	
		* *	concept of one and many Animal sounds Word building	*	go to school and not be idle all day long Say the ' i ' sound appropria tely	*	Devika who doesn't like to go to school Use the in -text - life skills/v alue for life questio		Educa tion	school. Draw the school	
						*	n to initiate a discuss ion in class Give differen t exampl es of great leader who give				
							importa nce of educati on in their lives Textbo ok, blackbo ard, chalk				

## SCHOOL IMPROVEMENT PLAN

Infrastructure Development

New Indoor Court

**Academics** 

- Remedial Classes
- Extra classes for RTE students
- Digitalization of academicals evaluation of every student.
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### School Improvement with regards to extra relationship

- (1) Parent Teachers Rapport Building
- (2) School Management, parent- Teachers rapport

Improvement

(3) School administration with state, city, administration

### Relationship

Month & Week	Book / chapte r	Topic	Specific Learning Objectives	Method / Presentati on ( Teaching - aids)	Integrated Learning [Art/ Co - Scholastic ]	Student's Activity	Learning Outcomes
So.Scienc e August	Chapt er -2 Festiv al	<ul> <li>Christma s Festival</li> <li>Christma s Tree</li> </ul>	<ul> <li>Importanc e of being kind</li> <li>Understa nd the concept of - ly words</li> <li>Joy and happines s during Christma s celebratio n</li> <li>Attempt comprehe nsion questions</li> </ul>	Read & explain the chapter briefly. Initiate a discussion on the spirit of Christmas and why it is important to be kind. Text book, Smart class, black board & chalk	Draw a picture of Christmas tree and decorate it beautifully Write some senten ces about Christ mas	Make a Christmas card for your best friend Reading Writing Learning	After the completion of this chapter students will be able to:- Learn that festival brings joy and happiness in our life ❖ Always help needy people ❖ Understa nd the concept of 'ly' words
September – Revision and Half Yearly Examinati on							
October	Chapt er – 3 Travel Plans	<ul> <li>Famous Monumen ts of India</li> <li>Houseboa ts</li> <li>Mountain s</li> <li>Seven Wonders of the world</li> </ul>	<ul> <li>Gives informati on about seven wonders of the world</li> <li>Explain why India's monumen t famous</li> </ul>	Read and explain the chapter briefly. The reading extract is a fact mal piece on Kashmir, Mumbai, Agra &	Through presentati on students share their experience s about their vacation	Students talks about their last vacation where they went. What they did and what they took with them.	After the completion of this chapter students will be able to learn:-

### **LESSON PLAN FORMAT**

				the world Concept of is, are & am Say the sound 'i correctly	<ul> <li>Through smarclass</li> <li>showsfamous</li> <li>famousof lndi</li> <li>Textbook,</li> <li>blackbard,</li> <li>chalkand</li> <li>duster</li> </ul>	9 5 a 0	<ul> <li>Readin g</li> <li>Writing</li> <li>Learni ng</li> </ul>	<ul> <li>New seven wonders of the world</li> <li>Understa nd the concept of is, are &amp; am</li> </ul>
	lont h & /eek	Book / chapter	Topic	Specific Learning Objectives	Method / Presentatio n ( Teaching - aids)	Integrated Learning [Art/ Co - Scholastic 1	Student's Activity	Learning Outcomes
	Jov.	Chapter – 4 The Honest Woodcutte r	<ul> <li>Honesty is the nest policy</li> <li>People and professi on</li> <li>Opposit e</li> <li>Male and female forms</li> </ul>	<ul> <li>Students come to know about</li> <li>Honesty is the first chapter in the book of wisdom</li> <li>Vocabular y</li> <li>Spellings, Phonics sound 'o'</li> </ul>	<ul> <li>Read and explain the chapter briefly</li> <li>Also explain how the honest woodcut ter reward for his honesty</li> <li>Tells some more interesti ng moral stories</li> <li>Text book, Black board, chalk and duster</li> </ul>	<ul> <li>Role Play</li> <li>Drawin g</li> <li>Draw an axe in your notebo ok</li> </ul>	<ul> <li>Student s tells the moral stories</li> <li>Reading by the student s should be encoura ged</li> </ul>	<ul> <li>ter the comple tion of this chapter student s will be able to learn:-o legacy is so rich as honest y".</li> <li>How to pronou nce 'o' sound</li> <li>Concep t of male and female</li> </ul>
N V	lonth & Veek	Book / chapter	Topic	Specific Learning Objectives	Method / Presentati on ( Teaching - aids)	Integrated Learning [Art/ Co - Scholastic ]	Student's Activity	Learning Outcomes
E	NGLIS H	Poem- The	<ul> <li>Facts about</li> </ul>	<ul> <li>To create awarene</li> </ul>	Recite and explain the poem	Recitation: - Students	Draw the sketch of a elephant	They learn the skill of reciting

words words words words emphasi se wild correct animal pronunci s ation, modulati on and intonatio n	pronunciation
Januar Chapter – y 4 Hidden Treasure 4 Hidden Treasure 4 Hidden Treasure 6 Yocabul ary * Gramma r * Writing 4 Hidden Treasure 6 Yocabul ary * Gramma r * Writing 6 Yocabul ary * Gramma r * Writing 7 * Further Start China Further Start China Start China Start China Start China Start Star	<ul> <li>Comple te the letter oura he letter given given in the rourit ies</li> <li>xt books</li> <li>Learn the lesson s</li> <li>Read the lesson</li> <li>Read the lesson</li> <li>Mean the lesson</li> <li>Ithe lesson<!--</th--></li></ul>
Februar Revision y & & Annual March Examinati on	
TERM-I     ENGLISH       APRIL     Lesson 1       Lesson 1     We are animals       JUNE     JUNE       Lesson 2     A crocodile in the school	
JULY	
JULY Lesson 3 Fly forgets her name	

AUGUST Lesson 5	People who help us
Lesson 6	Different colours
SEPTEMBER	Revision, Term 1 Exam
TERM-II	
<i>OCTOBER</i> Lesson 1	A pet at home
<b>NOVEMBER</b> Lesson 2	The hot season
Lesson 3	The Fox and the crane
<i>DECEMBER</i> Lesson 4	Forests our friends
<b>JANUARY</b> Lesson 5	A dream come true
FEBRUARY Rea [SECTION – 1 APRIL	vision, Term 2 Exam – GRAMMAR] TERM-I
Lesson 1 <b>JUNE</b>	The Alphabets
Lesson 2 JULY	Nouns
Lesson 3	Articles
Lesson 4 <b>AUGUST</b>	One and more than one
Lesson 5	He or She
Lesson 6	Pronouns
SEPTEMBER	Revision, Halfyearly Exam
TERM-II OC	TOBER
Lesson 1	Use of have and has
<i>NOVEMBER</i> Lesson 2	Use of had
Lesson 3	Adjectives
DECEMBER	Prepositions
Lesson 5 JANUARY	And , But, or
Lesson 6	Spell check
FEBRUARY Re	vision, Annual Exam
P T 1 <sup>st</sup>	C – 1 to 3, Grammar 1 to 3
Term 1	C - 1 to 6 Grammar 1 to 6
PT2 <sup>nd</sup>	C - 1 to 3

Grammar C - Term 2	C - 1 to 3 C - 1 to 5 Grammar 1 to 6		
TERM-1	HINDI		
APRIL	शुभकामना		
पाठ १	वर्णमाला		
पाठ २	दो वर्णों वाले अमात्रिक शब्द		
पाठ ३	तीन वर्णों वाले अमात्रिक शब्द पाठ पाठ 4 चार वर्णों वाले अमात्रिक शब्द		
	व्याकरण		
पाठ १.	ध्वनि		
पाठ २.	वर्ण और वर्णमाला		
JULY	शुभकामना		
पाठ ५	'अ'		
पाठ ६	'आ'(ा) की मात्रा		
पाठ ७	'इ'( ि) और 'ई' (ी ) की मात्रा		
पाठ ८	'उ'( ु ) और 'ऊ' (ू ) की मात्रा		
	व्याकरण		
पाठ ३.	शब्द और वाक्य		
पाठ ४.	भाषा और उसके रूप		
AUGUST पाठ 9	शुभकामना 'ऋ' (ॄ ) की मात्रा		
पाठ 10	'ए' (`) और 'ए' ( ``) की मात्रा		
पाठ 11	'ओ' (ो ) और 'औ' (ौ ) की मात्रा		
	व्याकरण		
पाठ 5.	संज्ञा		
SEPTEMBER 9	Revision, Term 1 Exam		
TERM - II			
<i>0CT0BER</i> पाठ <b>12</b>	<i>शुभकामना</i> अनुस्वार(ं) चंद्रबिंदु (ं) और विसर्ग (:) की मात्रा		

पाठ 13 पाठ 14 पाठ 6.	संयुक्ताक्षर संयुक्त व्यंजन <u>व्याकरण</u> लिंग
पाठ १४ पाठ ६.	संयुक्त व्यंजन <u>व्याकरण</u> लिंग
पाठ 6.	<u>व्याकरण</u> लिंग
पाठ ७.	वचन
NOVEMBER पाठ 15	शुभकामना 'र' रेफ (ʿ) और पदेन (ᠵ,ू) की मात्रा
पाठ 16	बारहखड़ी
पाठ 17	रिमझिम–रिमझिम(कविता)
	व्याकरण
पाठ ८.	सर्वनाम
पाठ 9.	विशेषण
DECEMBER	शुभकामना
पाठ 18	भालू (कविता)
पाठ 19	बरखा रानी (कविता)
	व्याकरण
पाठ 10	क्रिया
J <mark>ANUARY</mark> पाठ 11	व्याकरण विलोम शब्द
FEBRUARY Rev	rision, Term 2 Exam
P T 1 शुभकामन व्याकरण Term 1 शुभक व्याकरण PT 2 शुभकामन	ना पाठ – 1 से 4 तक, पाठ - 1 , 2 ामना पाठ – 1 से 10 तक, पाठ – 1 से 5 तक, गिनती १ से 900 तक, निबंध ना पाठ – 11 से 14 तक,
व्याकरण Term 2) शुभव	पाठ – 6, 7 जमना पाठ – 11 से 19 तक,
व्याकरण	पाठ – 6 से 11 तक गिनती 909 से 200 तक, निबंध
**************************************	SCIENCE
APRIL	

Chapter 1 Chapter 2 JULY	Different kinds of plants Food from plants
Chapter 3 Chapter 4	Different kinds of Animals How do Animals live?
AUGUST Chapter 5 Chapter 6 SEPTEMBER <i>R</i>	My Body Our needs <i>evision, Term 1 Exam</i>
TERM-II OCT Chapter 1 Chapter 2 NOVEMBER	OBER Safety Rules Good Habits
Chapter 3 Chapter 4 DECEMBER	We need air We need water
Chapter 5 JANUARY	The weather
Chapter 6	Up in the sky
FEBRUARY Rev	vision, Term 2 Exam
PT 1 <sup>st</sup>	C - 1 to 3
PT 2 <sup>nd</sup>	C = 1 to 6 C = 1 to 3
Term 2	C – 1 to 6
*****	*****
	MATHEMATICS
	Devision
	REVISION
JUNE Unit 2	Addition up to 10
JUNE Unit 2 JULY Unit 3 Unit 4	Addition up to 10 Subtraction up to 10 Shapes
Unit 1 JUNE Unit 2 JULY Unit 3 Unit 4 AUGUST Unit 5 SEPTEMBER	Addition up to 10 Subtraction up to 10 Shapes Numbers up to 50 <i>Revision, Term 1 Exam</i>
JUNE JUNE Unit 2 JULY Unit 3 Unit 4 AUGUST Unit 5 SEPTEMBER TERM-II Unit 1 Unit 2 NOVEMBER	Addition up to 10 Subtraction up to 10 Shapes Numbers up to 50 <i>Revision, Term 1 Exam</i> <b>OCTOBER</b> Numbers up to 100 Addition of numbers
JUNE JUNE Unit 2 JULY Unit 3 Unit 4 AUGUST Unit 5 SEPTEMBER Unit 1 Unit 2 NOVEMBER Unit 3 Unit 4 Unit 5 DECEMBER	Addition up to 10 Subtraction up to 10 Shapes Numbers up to 50 <i>Revision, Term 1 Exam</i> <b>OCTOBER</b> Numbers up to 100 Addition of numbers Patterns Subtraction Money
JUNE JUNE Unit 2 JULY Unit 3 Unit 4 AUGUST Unit 5 SEPTEMBER Unit 5 NOVEMBER Unit 3 Unit 4 Unit 5 DECEMBER Unit 6 Unit 7 JANUARY	Addition up to 10 Subtraction up to 10 Shapes Numbers up to 50 <i>Revision, Term 1 Exam</i> OCTOBER Numbers up to 100 Addition of numbers Patterns Subtraction Money Multiplication Division
JUNE Unit 2 JULY Unit 3 Unit 4 AUGUST Unit 5 SEPTEMBER Unit 5 NOVEMBER Unit 2 NOVEMBER Unit 3 Unit 4 Unit 5 DECEMBER Unit 6 Unit 7 JANUARY Unit 8	Addition up to 10 Subtraction up to 10 Shapes Numbers up to 50 <i>Revision, Term 1 Exam</i> OCTOBER Numbers up to 100 Addition of numbers Patterns Subtraction Money Multiplication Division Measurement <i>Revision</i>
JUNE JUNE Unit 2 JULY Unit 3 Unit 4 AUGUST Unit 5 SEPTEMBER Unit 5 DECEMBER Unit 3 Unit 4 Unit 5 DECEMBER Unit 6 Unit 7 JANUARY Unit 8	Addition up to 10 Subtraction up to 10 Shapes Numbers up to 50 <i>Revision, Term 1 Exam</i> <b>OCTOBER</b> Numbers up to 100 Addition of numbers Patterns Subtraction Money Multiplication Division Measurement <i>Revision</i> <i>vision, Term 2 Exam</i>
JUNE JUNE Unit 2 JULY Unit 3 Unit 4 AUGUST Unit 5 SEPTEMBER Unit 5 SEPTEMBER Unit 1 Unit 2 NOVEMBER Unit 3 Unit 4 Unit 5 DECEMBER Unit 6 Unit 7 JANUARY Unit 8 FEBRUARY <i>Re</i> <b>PT 1</b> <sup>st</sup>	Addition up to 10 Subtraction up to 10 Shapes Numbers up to 50 <i>Revision, Term 1 Exam</i> OCTOBER Numbers up to 100 Addition of numbers Patterns Subtraction Money Multiplication Division Measurement <i>Revision</i> <i>vision, Term 2 Exam</i> U – 1 to 3
JUNE JUNE Unit 2 JULY Unit 3 Unit 4 AUGUST Unit 5 SEPTEMBER Unit 5 NOVEMBER Unit 3 Unit 4 Unit 5 DECEMBER Unit 6 Unit 7 JANUARY Unit 8 FEBRUARY Re PT 1 <sup>st</sup> Term 1 D T crd	Addition up to 10 Subtraction up to 10 Subtraction up to 10 Shapes Numbers up to 50 <i>Revision, Term 1 Exam</i> OCTOBER Numbers up to 100 Addition of numbers Patterns Subtraction Money Multiplication Division Measurement <i>Revision</i> <i>vision, Term 2 Exam</i> U – 1 to 3 U – 1 to 5 H 4 to 5
JUNE JUNE Unit 2 JULY Unit 3 Unit 4 AUGUST Unit 5 SEPTEMBER Unit 5 DECEMBER Unit 3 Unit 4 Unit 5 DECEMBER Unit 6 Unit 7 JANUARY Unit 8 FEBRUARY Re PT 1 <sup>st</sup> Term 1 P T 2 <sup>nd</sup> Term 2	Addition up to 10 Subtraction up to 10 Subtraction up to 10 Shapes Numbers up to 50 <i>Revision, Term 1 Exam</i> OCTOBER Numbers up to 100 Addition of numbers Patterns Subtraction Money Multiplication Division Measurement <i>Revision</i> <i>vision, Term 2 Exam</i> U – 1 to 3 U

TERM-I	SOCIAL SCIENCE
APRIL Chapter 1	Food we Eat
Chapter 2 Chapter 3	Clothes we wear Houses we live in
AUGUST Chapter 4 Chapter 5 SEPTEMBER <i>R</i>	Types of Houses My Family <i>evision, Term 1 Exam</i>
	OBER
Chapter 1 Chapter 2	My School My Classroom
NOVEMBER Chapter 3	Our Celebrations
Chapter 4	Our Festivals
Chapter 5	Early Humans
FEBRUARY Rev	vision, Term 2 Exam
PT 1	C – 1 to 3
Term 1	C – 1 to 5
РТ2	C – 1 to 3
Term 2	C – 1 to 5
TERM-I COMPU APRIL JULY AUGUST SEPTEMBER	<ul> <li><i>TER</i></li> <li>1. A smart machine</li> <li>2. Uses of Computer</li> <li>3. Part of a computer</li> <li><i>Revision, Term 1 Exam</i></li> </ul>
TERM-I COMPU APRIL JULY AUGUST SEPTEMBER TERM-II OCTOBER NOVEMBER DECEMBER	<ol> <li><i>TER</i> <ol> <li>A smart machine</li> <li>Uses of Computer</li> <li>Part of a computer</li> <li><i>Revision, Term 1 Exam</i></li> </ol> </li> <li>Know the keyboard</li> <li>Know the Mouse</li> <li>Fun with Tux Paint</li> </ol>
TERM-I COMPU APRIL JULY AUGUST SEPTEMBER TERM-II OCTOBER NOVEMBER DECEMBER JANUARY	<ol> <li><i>TER</i></li> <li>A smart machine</li> <li>Uses of Computer</li> <li>Part of a computer</li> <li><i>Revision, Term 1 Exam</i></li> <li>Know the keyboard</li> <li>Know the Mouse</li> <li>Fun with Tux Paint</li> <li><i>Revision</i></li> </ol>
TERM-I COMPU APRIL JULY AUGUST SEPTEMBER TERM-II OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY	<ol> <li><i>TER</i> <ol> <li>A smart machine</li> <li>Uses of Computer</li> <li>Part of a computer</li> <li><i>Revision, Term 1 Exam</i></li> </ol> </li> <li>Know the keyboard</li> <li>Know the Mouse</li> <li>Fun with Tux Paint</li> <li><i>Revision</i></li> <li><i>Term 2 Exam</i></li> </ol>
TERM-I COMPU APRIL JULY AUGUST SEPTEMBER TERM-II OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY Term 1 Term 2	<ol> <li><i>TER</i> <ol> <li>A smart machine</li> <li>Uses of Computer</li> <li>Part of a computer</li> <li><i>Revision, Term 1 Exam</i></li> </ol> </li> <li>Know the keyboard</li> <li>Know the Mouse</li> <li>Fun with Tux Paint</li> <li><i>Revision</i></li> <li><i>Term 2 Exam</i></li> <li>- 1 to 3</li> <li>- 4 to 6</li> </ol>
TERM-I COMPU APRIL JULY AUGUST SEPTEMBER TERM-II OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY Term 1 Term 2	<ul> <li><i>TER</i></li> <li>1. A smart machine</li> <li>2. Uses of Computer</li> <li>3. Part of a computer</li> <li><i>Revision, Term 1 Exam</i></li> <li>4. Know the keyboard</li> <li>5. Know the Mouse</li> <li>6. Fun with Tux Paint</li> <li><i>Revision</i></li> <li><i>Term 2 Exam</i></li> <li>C - 1 to 3</li> <li>C - 4 to 6</li> <li>************************************</li></ul>
TERM-I COMPU APRIL JULY AUGUST SEPTEMBER TERM-II OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY Term 1 Term 2 TERM-I JUNE	<ul> <li><i>TER</i></li> <li>1. A smart machine</li> <li>2. Uses of Computer</li> <li>3. Part of a computer</li> <li><i>Revision, Term 1 Exam</i></li> <li>4. Know the keyboard</li> <li>5. Know the Mouse</li> <li>6. Fun with Tux Paint</li> <li><i>Revision</i></li> <li><i>Term 2 Exam</i></li> <li>C – 1 to 3</li> <li>C – 4 to 6</li> <li><b>VALUE EDUCATION</b></li> </ul>
TERM-I COMPU APRIL JULY AUGUST SEPTEMBER TERM-II OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY Term 1 Term 2 TERM-I JUNE Chapter 1	<ul> <li><i>TER</i></li> <li>1. A smart machine</li> <li>2. Uses of Computer</li> <li>3. Part of a computer</li> <li><i>Revision, Term 1 Exam</i></li> <li>4. Know the keyboard</li> <li>5. Know the Mouse</li> <li>6. Fun with Tux Paint</li> <li><i>Revision</i></li> <li><i>Term 2 Exam</i></li> <li>C – 1 to 3</li> <li>C – 4 to 6</li> <li><i>VALUE EDUCATION</i></li> <li>What is prayer?</li> </ul>
TERM-I COMPU APRIL JULY AUGUST SEPTEMBER TERM-II OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY Term 1 Term 2 TERM-I JUNE Chapter 1 Chapter 2 Chapter 2	<ul> <li><i>TER</i></li> <li>1. A smart machine</li> <li>2. Uses of Computer</li> <li>3. Part of a computer</li> <li><i>Revision, Term 1 Exam</i></li> <li>4. Know the keyboard</li> <li>5. Know the Mouse</li> <li>6. Fun with Tux Paint</li> <li><i>Revision</i></li> <li><i>Term 2 Exam</i></li> <li>C – 1 to 3</li> <li>C – 4 to 6</li> <li><b>VALUE EDUCATION</b></li> <li>What is prayer?</li> <li>My Family</li> <li>Cod known Eventhing</li> </ul>
TERM-I COMPU APRIL JULY AUGUST SEPTEMBER TERM-II OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY Term 1 Term 2 TERM-I JUNE Chapter 1 Chapter 3 JULY	<ul> <li><i>TER</i></li> <li>1. A smart machine</li> <li>2. Uses of Computer</li> <li>3. Part of a computer</li> <li><i>Revision, Term 1 Exam</i></li> <li>4. Know the keyboard</li> <li>5. Know the Mouse</li> <li>6. Fun with Tux Paint</li> <li><i>Revision</i></li> <li><i>Term 2 Exam</i></li> <li>C - 1 to 3</li> <li>C - 4 to 6</li> <li>************************************</li></ul>
TERM-I COMPU APRIL JULY AUGUST SEPTEMBER TERM-II OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY Term 1 Term 2 ************************************	<ul> <li><i>TER</i></li> <li>1. A smart machine</li> <li>2. Uses of Computer</li> <li>3. Part of a computer</li> <li><i>Revision, Term 1 Exam</i></li> <li>4. Know the keyboard</li> <li>5. Know the Mouse</li> <li>6. Fun with Tux Paint</li> <li><i>Revision</i></li> <li><i>Term 2 Exam</i></li> <li>C - 1 to 3</li> <li>C - 4 to 6</li> <li>************************************</li></ul>
TERM-I COMPU APRIL JULY AUGUST SEPTEMBER TERM-II OCTOBER NOVEMBER DECEMBER JANUARY FEBRUARY Term 1 Term 2 ************************************	<ul> <li><i>TER</i></li> <li>1. A smart machine</li> <li>2. Uses of Computer</li> <li>3. Part of a computer</li> <li><i>Revision, Term 1 Exam</i></li> <li>4. Know the keyboard</li> <li>5. Know the Mouse</li> <li>6. Fun with Tux Paint</li> <li><i>Revision</i></li> <li><i>Term 2 Exam</i></li> <li>C – 1 to 3</li> <li>C – 1 to 3</li> <li>C – 4 to 6</li> <li>************************************</li></ul>

Chapter 7 Mummy Dearest Chapter 8 Good friends Chapter 9 Good habits at home SEPTEMBER Revision, Term 1 Exam TERM-II OCTOBER Chapter 10 Good manners in classroom Chapter 11 Good habits on the road Chapter 12 Cleanliness NOVEMBER Chapter 13 Please, Sorry, Thank you Chapter 14 Courage DECEMBER Chapter 15 Sharing is love Be kind to animals Chapter 16 JANUARY Chapter 17 My Country FEBRUARY Revision, Term 2 Exam TERM – I **GENERAL KNOWLEDGE** JUNE Chapter 1 Green Veggies! Chapter 2 Young ones Water animals Chapter 3 JULY Chapter 4 Match the patch Chapter 5 What's my action? Chapter 6 Rhyming words AUGUST Chapter 7 Man and woman Chapter 8 Our national festivals Chapter 9 Our pride SEPTEMBER Chapter 10 India's freedam strugglers Chapter 11 Water is precious Revision, Term 1 Exam TERM-II OCTOBER Chapter 1 Animal food Chapter 2 Animal sounds NOVEMBER Chapter 3 The capital of our country Chapter 4 Indian attire DECEMBER Chapter 5 Yummy Tummy Our festivals Chapter 6 JANUARY Chapter 7 Tools we use FEBRUARY Revision, Term 2 Exam \*\*\*\*\* DRAWING & SUPW Lines, Shapes, Hut, Duck, X-mas Tree (Dot to dot) JUNE Caterpillar, Joker, Bells, Honey Bee, Grapes (Thumb impression), Cauliflower Scenary JULY Penguin, Hen and chicks, Bees, Blowfish, Alligator, Pigeon AUGUST

SEPTEMBER woolbo	SEPTEMBER <i>Revision, Term 1 Exam</i> OCTOBER Beach, Rabbit, Tree, Leopard woolbottle (Craft)					
NOVEMBER DECEMBER JANUARY	IOVEMBER Flower, Jungle, My Family, Rangoli, Fruit Basket DECEMBER Aquarium, Apple, Yacht, House, Lantern (Craft) IANUARY Butterfly, Flowers, Birthday Card, (Craft), Bird					
FEBRUARY ReVI	ision, Term 2 Exam					
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	SYLLABUS FOR CLASS II - 2021 - 2022					
TERM-I	ENGLISH					
APRIL Lesson 1 JUNF	Value of Cleanliness					
Lesson 2 JULY	The Jamun Tree					
Lesson 3 AUGUST	Robinson Crusoe					
Lesson 4 Lesson 5	Professionals Aladdin and the Magic Lamp Profession Terram					
TERM-II	χενωμ, τειμ 1 Έλμμ					
OCTOBER Lesson 1	The Honest Wood cutter					
Lesson 2 DECEMBER	Aditya was Late					
Lesson 3 JANUARY	The saggy-Baggy Elephant					
FEBRUARY	Revision, Term 2 Exam					
TERM-I	GRAMMAR					
APRIL Lesson 1	Sentences					
Lesson 2 Lesson 3 AUGUST	Parts of a sentence Kind of sentences					
Lesson 4 Lesson 5	Nouns Nouns: Common nouns and Proper nouns					
Lesson 6	Nouns- Number-One more Than one					
SEPTEMBER	Revision, Term 1 Exam					
TERM-II OCTOBER						
Lesson 1	Pronouns					
Lesson 2	Verbs					
Lesson 3	Articles					
Lesson 4	Adverbs					

JANUARY Lesson 5 Lesson 6 FEBRUARY PT 1 <sup>st</sup> Term 1 Grammar P T 2 <sup>nd</sup> Grammar Term 2	Conjunctions Prepositions <b>Revision</b> , <b>Term 2 Exam</b> C = 1, 2, Grammar - 1 to 3 C = 1 to 5 C = 1 to 6 C = 1, 2 C = 1 to 3 C = 1 to 4
Grammar *********	C – 1 to 6
<sup>TERM-I</sup> APRIL	<i>हिन्दी</i> शुभकामना
पाठ १	प्रार्थना
पाठ २	रक्षा–बंधन (त्योहार)
पाठ ३	एकता में बल (कहानी)
व्याक	रण
पाठ १.	भाषा और भाषा के रूप
पाठ २.	वर्ण के भेद
JULY	शुभकामना
पाठ ४	घुमड़ते बादल (कविता)
पाठ ५	हंस किसका (कथा)
पाठ ६	रेल (कविता)
व्याक	रण
पाठ ३.	मात्राएँ, शब्द और वाक्य
पाठ ४.	संज्ञा
<i>AUGUST</i> पाठ ७	<i>शुभकामना</i> बया, हमारी चिड़िया रानी (कविता)
पाठ ८	मॉं–बेटी (संवाद)
पाठ ९	हंस (कविता)

- व्याकरण लिंग पाठ ५. SEPTEMBER Revision, Term 1 Exam शुभकामना TERM-II OCTOBER दीपावली (कविता) पाठ 10 स्वतंत्रता दिवस (वार्तालाप) पाठ ११ अच्छी आदत (कथा) पाठ १२ व्याकरण पाट ६. वचन पाठ ७. सर्वनाम NOVEMBER शुभकामना देशभक्ति (कविता) पाठ 13 पाठ 14 बंदर और मगरमच्छ (चित्रकथा) पन्ना धाय का त्याग (कथा) पाठ 15 व्याकरण विशेषण पाट ८. क्रिया पाठ ९. DECEMBER शुभकामना
- पाठ 16 सुभाष चंद्र बोस–महान व्यक्तित्व (शिक्षाप्रद कहानी)
- पाठ १७ भावपूर्ण (पत्र)

व्याकरण

पाठ 10 दिन, सप्ताह, महीने और वर्ष

JANUARY शुभकामना

पाठ 18 हँसते गाते पढ़ने जाएँ (कविता)

FEBRUARY Revision, Term 2 Exam **РТ 1 शुभकामना** C – 1 to 3 व्याकरण 1&2 **Term 1 शुभकामना** C - 1 to 9 व्याकरण 1 to 5, निबंध **РТ 2 शुभकामना** C – 10 to 12 व्याकरण C - 6, 7 **Term 2 शुभकामना** C – 10 to 18 व्याकरण C - 6 to 10, निबंध \*\*\*\*\*\* TERM - I SCIENCE APRIL Lesson 1 Plants Around us JULY Uses of plants Lesson 2 Use of Animals Lesson 3 Wild Animals Lesson 4 AUGUST **Bones and Muscles** Lesson 5 SEPTEMBER Revision, Term 1 Exam TERM - II OCTOBER Housing & clothing Lesson 1 NOVEMBER Lesson 2 Safety Rules Air around us Lesson 3 DECEMBER Lesson 4 Water JANUARY Sun, Light and Shadows Lesson 5 FEBRUARY Revision, Term 2 Exam C - 1 to 3 PT 1 Term 1 C - 1 to 5 C - 1, 2, 3P T 2 Term 2 C – 1 to 5 \*\*\*\*\*\*\*\*\*\*\*\* \*\*\*\*\*\* TERM-I **MATHEMATICS** APRIL Unit 1 Numbers up to 200 JULY Unit 2 Addition of Numbers Unit 3 Subtraction of numbers AUGUST Unit 4 Numbers up to 1000 Unit 5 SEPTEMBER Revision, Term 1 Exam TERM-II OCTOBER Unit 1 Addition and subtraction of numbers NOVEMBER Unit 2 Division Unit 3 Measurement

Multiplication

<b>DECEMBER</b> Unit 4 Unit 5 <b>JANUARY</b> Unit 6	Shapes Time Money
FEBRUARY <b>Rev</b>	ision, Term 2 Exam
PT 1 Term 1 P T 2 Term 2	U - 1  to  3 U - 1  to  5 U - 1, 2, 3 U - 1  to  6
*****	******
TERM - I	SOCIAL SCIENCE
APRIL	
Lesson 1	My family
JULI Lesson 2	Clothes we wear
Lesson 3	Neighbourhood services
Lesson 4	Places of worship
AUGUST	
Lesson 5	Festivals
SEPTEMBER	Revision, Term 1 Exam
TERM - II	
	Directions
	Directions
Lesson 2	Means of Transport
Lesson 3	The Earth- "our home"
DECEMBER	
Lesson 4	Seasons
Lesson 5	Telling the time
JANUARY	The story of a wheel
EEBRIIARY	Porticion Term 2 Fram
DT 1	C = 1  to  3
Term 1	C = 1  to  5
PT2	C – 1, 2, 3
Term 2	C – 1 to 6
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TFRM-I	COMPUTER
	1 Uses of Computers
JULY	2. Computer Devices
AUGUST	3. How a Computer works?
SEPTEMBER	Revision, Term 1 Exam
TERM-II	
OCTOBER	4. The Keyboard
NOVEMBER	5. The Mouse
DECEMBER (	5. Fun with paint
JANUARY	Kevision
FEBRUARY	Term 2 Exam
Term 1	C –1 to 3
Term 2	C – 4 to 6
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JUNE	VALUE EDUCATION
Chapter 1	Talking to God
JULY	
Chapter 2	Our Duties at Home
Chapter 3	Using God's Gifts
Chapter 4	Healthy Food Habits
AUGUST	riounny rioou riubno
Chapter 5	Keening clean
Chapter 5	Our Helpers
	Darrision Torm 1 Exam
OCTOBER Chamter 7	Chaving in law
Chapter 7	Sharing is Joy
Chapter 8	Our Teachers
NOVEWBEI	K
Chapter 9	Being Active is fun
Chapter 10	Safety saves
DECEMBER	<b>{</b>
Chapter 11	Wisdom
JANUARY	
Chapter 12	Stranger-Danger
Chapter 13	My Motherland: India
FEBRUARY	Revision Term 2 Exam
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TERM – I JUNE	GENERAL KNOWLEDGE
<b>TERM – I</b> JUNE Chapter 1 JULY	GENERAL KNOWLEDGE World of Leaves
TERM – I JUNE Chapter 1 JULY Chapter 2	GENERAL KNOWLEDGE World of Leaves Ornithology
TERM – I JUNE Chapter 1 JULY Chapter 2 Chapter 3	GENERAL KNOWLEDGE World of Leaves Ornithology Describing words
TERM – I JUNE Chapter 1 JULY Chapter 2 Chapter 3 Chapter 4	GENERAL KNOWLEDGE World of Leaves Ornithology Describing words Folk Dances of india
TERM – I JUNE Chapter 1 JULY Chapter 2 Chapter 3 Chapter 4 AUGUST	GENERAL KNOWLEDGE World of Leaves Ornithology Describing words Folk Dances of india
TERM – I JUNE Chapter 1 JULY Chapter 2 Chapter 3 Chapter 4 AUGUST Chapter 5	GENERAL KNOWLEDGE World of Leaves Ornithology Describing words Folk Dances of india Historical Buildings
TERM – I JUNE Chapter 1 JULY Chapter 2 Chapter 3 Chapter 4 AUGUST Chapter 5 Chapter 6	GENERAL KNOWLEDGE World of Leaves Ornithology Describing words Folk Dances of india Historical Buildings Countries and their capitals
TERM – I JUNE Chapter 1 JULY Chapter 2 Chapter 3 Chapter 4 AUGUST Chapter 5 Chapter 6 Chapter 7	GENERAL KNOWLEDGE World of Leaves Ornithology Describing words Folk Dances of india Historical Buildings Countries and their capitals Sports
TERM – I JUNE Chapter 1 JULY Chapter 2 Chapter 3 Chapter 4 AUGUST Chapter 5 Chapter 6 Chapter 7 SEPTEMBE	GENERAL KNOWLEDGE World of Leaves Ornithology Describing words Folk Dances of india Historical Buildings Countries and their capitals Sports R
TERM – I JUNE Chapter 1 JULY Chapter 2 Chapter 3 Chapter 4 AUGUST Chapter 5 Chapter 6 Chapter 7 SEPTEMBE Revision. Ter	GENERAL KNOWLEDGE World of Leaves Ornithology Describing words Folk Dances of india Historical Buildings Countries and their capitals Sports R m 1 Exam
TERM – I JUNE Chapter 1 JULY Chapter 2 Chapter 3 Chapter 4 AUGUST Chapter 5 Chapter 6 Chapter 7 SEPTEMBE Revision, <u>Ter</u>	GENERAL KNOWLEDGE World of Leaves Ornithology Describing words Folk Dances of india Historical Buildings Countries and their capitals Sports R m 1 Exam
TERM – I JUNE Chapter 1 JULY Chapter 2 Chapter 3 Chapter 4 AUGUST Chapter 5 Chapter 6 Chapter 7 SEPTEMBE <i>Revision, <u>Ter</u></i> TERM-II OCTOBER	GENERAL KNOWLEDGE World of Leaves Ornithology Describing words Folk Dances of india Historical Buildings Countries and their capitals Sports R m 1 Exam
TERM – I JUNE Chapter 1 JULY Chapter 2 Chapter 3 Chapter 4 AUGUST Chapter 5 Chapter 5 Chapter 7 SEPTEMBE <i>Revision, <u>Ten</u></i> TERM-II OCTOBER Chapter 1	GENERAL KNOWLEDGE World of Leaves Ornithology Describing words Folk Dances of india Historical Buildings Countries and their capitals Sports R m 1 Exam
TERM – I JUNE Chapter 1 JULY Chapter 2 Chapter 3 Chapter 4 AUGUST Chapter 5 Chapter 6 Chapter 7 SEPTEMBE <i>Revision, <u>Ter</u></i> TERM-II OCTOBER Chapter 1	GENERAL KNOWLEDGE World of Leaves Ornithology Describing words Folk Dances of india Historical Buildings Countries and their capitals Sports R m1 fixam Beautiful flowers
TERM – I JUNE Chapter 1 JULY Chapter 2 Chapter 3 Chapter 4 AUGUST Chapter 5 Chapter 6 Chapter 7 SEPTEMBE <i>Revision, <u>Ter</u></i> TERM-II OCTOBER Chapter 1 NOVEMBEI Chapter 2	GENERAL KNOWLEDGE World of Leaves Ornithology Describing words Folk Dances of india Historical Buildings Countries and their capitals Sports R m 1 Exam Beautiful flowers Wild world
TERM – I JUNE Chapter 1 JULY Chapter 2 Chapter 3 Chapter 4 AUGUST Chapter 5 Chapter 6 Chapter 7 SEPTEMBE <i>Revision, <u>Ter</u></i> TERM-II OCTOBER Chapter 1 NOVEMBEI Chapter 2 Chapter 3	GENERAL KNOWLEDGE World of Leaves Ornithology Describing words Folk Dances of india Historical Buildings Countries and their capitals Sports R m 1 Exam Beautiful flowers Wild world pairs of words
TERM – I JUNE Chapter 1 JULY Chapter 2 Chapter 3 Chapter 4 AUGUST Chapter 5 Chapter 5 Chapter 6 Chapter 7 SEPTEMBE Revision, <u>Ter</u> TERM-II OCTOBER Chapter 1 NOVEMBEN Chapter 2 Chapter 3 DECEMBEN	GENERAL KNOWLEDGE World of Leaves Ornithology Describing words Folk Dances of india Historical Buildings Countries and their capitals Sports R m 1 Exam Beautiful flowers Wild world pairs of words
TERM – I JUNE Chapter 1 JULY Chapter 2 Chapter 3 Chapter 4 AUGUST Chapter 5 Chapter 6 Chapter 7 SEPTEMBE <i>Revision, <u>Ter</u></i> TERM-II OCTOBER Chapter 1 NOVEMBEI Chapter 3 DECEMBEI Chapter 4	GENERAL KNOWLEDGE World of Leaves Ornithology Describing words Folk Dances of india Historical Buildings Countries and their capitals Sports R m 1 £xam Beautiful flowers Wild world pairs of words Headgears
TERM – I JUNE Chapter 1 JULY Chapter 2 Chapter 3 Chapter 4 AUGUST Chapter 5 Chapter 6 Chapter 7 SEPTEMBE <i>Revision, <u>Ter</u></i> TERM-II OCTOBER Chapter 1 NOVEMBEI Chapter 3 DECEMBEI Chapter 4 JANUARY	GENERAL KNOWLEDGE World of Leaves Ornithology Describing words Folk Dances of india Historical Buildings Countries and their capitals Sports R m 1 Exam Beautiful flowers Wild world pairs of words Headgears
TERM – I JUNE Chapter 1 JULY Chapter 2 Chapter 3 Chapter 4 AUGUST Chapter 5 Chapter 6 Chapter 7 SEPTEMBE <i>Revision, <u>Ter</u></i> TERM-II OCTOBER Chapter 1 NOVEMBEI Chapter 2 Chapter 3 DECEMBEI Chapter 4 JANUARY Chapter 5	GENERAL KNOWLEDGE World of Leaves Ornithology Describing words Folk Dances of india Historical Buildings Countries and their capitals Sports R m 1 Exam Beautiful flowers Wild world pairs of words Headgears Notoble Women
TERM – I JUNE Chapter 1 JULY Chapter 2 Chapter 3 Chapter 4 AUGUST Chapter 5 Chapter 6 Chapter 7 SEPTEMBE <i>Revision, <u>Ter</u></i> TERM-II OCTOBER Chapter 1 NOVEMBEI Chapter 3 DECEMBEI Chapter 4 JANUARY Chapter 5 Chapter 5 Chapter 5	GENERAL KNOWLEDGE World of Leaves Ornithology Describing words Folk Dances of india Historical Buildings Countries and their capitals Sports R m 1 Exam Beautiful flowers Wild world pairs of words Headgears Notoble Women Great personalities
TERM – I JUNE Chapter 1 JULY Chapter 2 Chapter 3 Chapter 4 AUGUST Chapter 5 Chapter 6 Chapter 7 SEPTEMBE <i>Revision, Ter</i> TERM-II OCTOBER Chapter 1 NOVEMBEI Chapter 1 NOVEMBEI Chapter 3 DECEMBEI Chapter 4 JANUARY Chapter 5 Chapter 6 FEBRUARY	GENERAL KNOWLEDGE World of Leaves Ornithology Describing words Folk Dances of india Historical Buildings Countries and their capitals Sports Sports R m 1 Exam Beautiful flowers Wild world pairs of words Headgears Notoble Women Great personalities Revision. Term 2 Exam

JUNE JULY AUGUST SEPTEMBE	DRAWING & SUPW Lines, Shapes, Train, Car, Lotus Butterflies, Flowerpots, Half and Half, Ball, Lion, Pond, Tree Bag Elephent, Snail Bells, Starfish, Fruits, Crayans, Scratch Art, Xmas Tree R <i>Revision, <u>Term 1 Exam</u></i>	
OCTOBER NOVEMBER vase, Beach, DECEMBER	Craft work Glass decotation, Abstract Art, Family Garden, Cartle, Hot air ballon, Frog, Photo Frame, Bunny, Ship	Flower Rangol
<b>JANUARY</b> FEBRUARY	Angry birds, Greeting, Frock, Snake spiral <i>Revision</i> , <i>Term 2 Exam</i>	
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	SYLLABUS FOR CLASS. III - 2021 - 2022	
TERM - I APRIL	ENGLISH	
Lesson 1 Lesson 2 <b>JUNE</b>	No smiles today A lost button	
Lesson 3 JULY	The Elders of chelm	
Lesson 4 Lesson 5 <b>AUGUST</b>	Ship wrecked The camel and the car	
Poem 1 Poem 2 Writing Part-	Mr. Kumar's shop Some one 1. Paragraph writing	
SEPTEMBER TERM - II	2. Letter writing R Revision, Term 1 Exam	
Lesson 6 Lesson 7 NOVEMBER	The apple pie Robbies Railroad	
Lesson 8 Lesson 9 DECEMBER	Walking of the moon Five spoon of salt	
Lesson 10 Poem 3 <b>JANUARY</b>	The gir forest trail The River	
Poem 4 Writing Part-	Little Talk 1. Story writing 2. Essay writing	
FEBRUARY Re	vision, Term 2 Exam	
TERM – I APRIL	GRAMMAR	
Lesson 1 Lesson 2 <b>JUNE</b>	The sentence Kinds of sentences	
Lesson 3 Lesson 4	Negative sentences Interogative sentences	

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- पाठ ४. पृथ्वा (कहाना) पाठ ५. मदद (एकांकी)
  - व्याकरण

C -6,7,8 & Poem-3

मात्राएँ शब्द और वाक्य पाठ ३. शुभकामना JULY काम करो (कविता) पाठ ६. बुद्धिमान राजकुमार (कहानी) पाठ ७. अमृतवाणी (दोहे) पाट ८. व्याकरण संज्ञा पाठ ४. लिंग भेद पाठ ५. AUGUST शुभकामना दया का फल (कहानी) पाठ ९. हम नन्हें–नन्हें बच्चे हैं (कविता) पाठ १०. व्याकरण पर्यायवाची शब्द (1 से 8 तक) पाठ ११. पाठ 12. विलोम शब्द (1 से 10 तक) पाठ १३. अनेक शब्दों के लिए एक शब्द (1 से 10 तक) मुहावरे (1 से 8 तक) पाठ १४. पाठ 16. गिनती (21 से 40 तक) पत्र–लेखन पाठ १७. जन्मदिन पर दिए जाने वाले भोज में मित्र को आमंत्रण पत्र। पाठ १८. अनुच्छेद लेखन वर्षा का एक दिन अपठित गद्यांश, पद्यांश SEPTEMBER Revision, Term 1 Exam TERM - II शुभकामना ਤ*ਹਰਸ਼* ਧਾਰ 11. ਯਾਟ ' OCTOBER आम्रपाली (कहानी) पाठ १२. चालाक चोर (कहानी) व्याकरण पाठ ६. वचन NOVEMBER शुभकामना पाठ 13. साहसी ब्राहमण (कहानी) फूल और काँटा (कविता) पाठ १४. व्याकरण सर्वनाम पाठ ७. विशेषण पाठ ८. DECEMBER शुभकामना बापू (प्रेरक प्रसंग) पाठ १५. व्याकरण क्रिया पाट 9. पाठ 11. पर्यायवाची शब्द ( 9 से 16 तक) पाठ 12. विलोम शब्द (11 से 20 तक) पाठ 13. अनेक शब्दों के लिए एक शब्द

(1	1 से 20 तक)
JANUARY	शुभकामना
पाठ १६.	मैं हुवा हूँ (विज्ञान और हमारा जीवन)
	व्याकरण
पाठ १४	महावरे ( 9 से 16 तक)
910 14. TTTT 40	ुर्वापर ( ७ रा १७ राप)
410-16.	ागनता (41 स 60 तक)
पाठ 17.	पत्र–लखन
(1)	अपने प्रधानाचार्य से विद्यालय छोड़ने का प्रमाण पत्र लेने हेतु प्रार्थना पत्र।
पाठ १९.	कहानी लेखन
(1)	मर्ख शिष्य
्राग्रीत गटग	י גמי יין י
FEBRUARY R	evision. Term 2 Exam
PT 1 <sup>st</sup>	C – 1 to 4,
	<u>व्याकरण</u> ः पाठ 1 से 3, पत्र
Term 1	C - 1 to 8
व्याकरण	1 to 5 & 11to18
PT2 <sup>nd</sup>	C – 9 to 12
	व्याकरणः पाठ— ६, ७, ८, पत्र
Term 2	C – 9 to 16
<u>व्याकरण</u> C-	6 to 9 & 11 to 17, 19
	MATHEMATICS
Unit 1	Numbers upto ten thousand
JUNE	
Unit 2	Regional and Roman numbers
JULY	
Unit 3	Addition of Numbers
Unit 4	Subtraction of numbers
	Subtraction of numbers (Continue)
Unit 5	Multiplication
SEPTEMBER	R Revision Term 1 Exam
TERM - II	
OCTOBER	
Unit 6	Division
NOVEMBER	
Unit 7	Fractional Numbers
	Manage
	woney
Unit 13Geom	petrical shapes
Unit 14Pictor	ial Representation of data
FEBRUARY Re	vision, Term 2 Exam
Syllahus of Ter	st & Exam
	11 1 2 3
F I - I	U = 1, 2, 3
Term 1	U –1 to 5

PT-2	U – 6, 7		
<i>Term 2</i> *************	U – 6, 7,8,13,14		
TERM - I SCIENCE			
APRIL			
Lesson 1. <b>JUNE</b>	Living and non-living things		
Lesson 2 JULY	Parts of a plant		
Lesson 3 AUGUST	Food for animals		
Lesson 4 Lesson 5	Birds…feathers, Beaks and claws Birds home…Nest		
SEPTEMBER	Revision, Term 1 Exam		
TERM - II			
OCTOBER			
Lesson 6 NOVEMBER	Our Body		
	Salety and first aid		
Lesson 8	Housing		
JANUARY			
Lesson 9	Water		
FEBRUARY	Revision, Term 2 Exam		
Syllabus of Test	<u>t &amp; Exam</u>		
PT-1	C –1, 2, 3		
Term 1	C - 1 to 5		
РТ-2	C –6, 7		
Term 2 C – 6 to	9		
*********	*******		
TERM - I SOCIAL SCIE	NCE		
APRIL			
Lesson 1	The Universe		
Lesson 2 JUNE	The Earth-our home		
Lesson 3 JULY	The world we live in		
Lesson 4 Lesson 5	India My country States of India		
AUGUST			
Lesson 6	Our National symbols		
Lesson 7	New Delhi- Capital of India		
SEPTEMBER	Revision, Term 1 Exam		
TERM - II			
OCTOBER	Musehai Finanaial of India		
Lesson 8			

NOVEMBER Lesson 9 Lesson 10 DECEMBER Lesson 11 JANUARY	Kolkata- The city of Joy Chennai-A City of Beau	, itiful temples More Cities	
Lesson 12 Lesson 13	India- The Government Local self Government		
FEBRUARY	Revision, Term 2 Exam		
<u>Syllabus of Tes</u> PT-1	<u>t &amp; Exam</u>		C –1 to 4
Term 1	C - 1 to 7		
РТ-2	C –8 to 10		
Term 2 C – 8 to	13		
*********	*****		
TERM – I	COMPUTER		
APRIL	1. How a computer wor	ks	
JUNE	2. Hardware and software		
	4 Introduction to Ms w	ndows-7 ard 2010	
SEPTEMBER	Revision, Term 1 Exam	l	
TERM – II			
OCTOBER	5. More on MS. paint		
	6. Tux Paint 7. Introduction to MSW		
JANUARY	8. More on MSW logo	Logo	
FEBRUARY	Revision, Term 2 Exam		
Sullabus of Too	t & Evam		
Term 1	C - 1 to 4		
Term 2	C - 5 to 8		
********	*****		
TERM – I	GENERAL KNOWLED	DGE	
JUNE		Page No. 1 to 9	
JULY AUGUST SEPTEMBER	Revision, Term 1 Exan	Page No. 10 to 19 Page No. 20 to 28 <i>n</i>	
TERM – II OCTOBER . NOVEMBER DECEMBER	Page No. 29 to 34 Page No. 35 to 39 Page No. 40 to 50		
JANUARY	5	Page No. 51 to 66	
FEBRUARY Rea	vision & Term 2 Exam		
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TERM - I JUNE	<b>VALUE EDUCATION</b> 1. The Eagle and the fox 2. Disobedient lamb	
JULY	<ul> <li>3. The Intelligent Jackal</li> <li>4. Love is life</li> </ul>	
AUGUST	5. Fair Treatment 6. A Polite King 7. Keep your Promise	
SEPTEMBER	Revision, Term 1 Exam	
TERM – II OCTOBER	8. Smile away 9. The Cobra	
NOVEMBER	10. The faithful Dog	
	11. Guidelines for safety	
DECEMBER	12. Time is Precious	
	13. Self Esteem	
JANUARY	14. A true friend	
	15. The Dreamer	
FEBRUARY <b>Re</b> t ********	vision, Term 2 Exam ********	
TERM – I JUNE	DRAWING & SUPW Lines, Yatch	
JULY	Shapes, Clock, Caterpillar, Snowflake, Owl	
AUGUST SEPTEMBER	Omaments, Boy and Girl Mushroom, Capsicum, Balloons, Goose, Boat, Calendar, Bus Turtle, Pyramids, Summer Parrot, Dragon, Fish, Pencil holder R Term 1 Exam	
TERM – II		
OCTOBER NOVEMBER	Craft work Woollen Eggs, Rainy day, Swimming Pool, Rangoli, Airport, Photo Frame	
DECEMBER	Fox, Whale, Envelope, Draw your Dad	
JANUARY	Flowers, Shading, Sport Book marks	
FEBRUARY	Term 2 Exam	
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# SYLLABUS FOR CLASS. IV - 2021 - 2022

#### SEMESTER – I ENGLISH APRIL Lesson 1 The parrot who wouldn't Talk Lesson 2 Celebrating Bihu JUNE Poem 1 Flower on the road JULY Was it a dream? Lesson 3 Lesson 4 The Throne of Judgement AUGUST Lesson 5 Flags of the world Poem 2 Flying Kite SEPTEMBER Revision, Term 1 Exam TERM - II OCTOBER Lesson 6 Going to sleep The train to Aswan Lesson 7 NOVEMBER Lesson 8 The Tigers Poem 3 Book shop DECEMBER Lesson 9 Dream palace JANUARY Poem 4 Laughing song FEBRUARY Revision, Term 2 Exam Syllabus of Test & Exam PT-1 C -1 to 4, Poem-1 *Term 1 C* – *1 to 5 & Poem 1, 2* PT-2 Term 2 C – 6 to 9 & Poem 3, 4 Term – I GRAMMAR APRIL 1) The Sentences 2) Subject and Predicate 3) Negative sentences 4) Interrogative sentences JUNE 5) Noun JULY 6) The noun Number 7) The noun Gender 8) The noun Possessive form 9) Personal pronouns AUGUST 10) Compound personal pronouns

- 11) Demonstrative pronouns 12) Interrogative pronouns 13) Relative pronouns

SEPTEMBER Revision, Term 1 Exam

C-6, 7 & Poem-3

Term – II OCTOBER NOVEMBER	<ul> <li>14) The adjective</li> <li>15) Comparison of adjectives</li> <li>16) The Articles</li> <li>17) The Verb</li> <li>18) Agreement of the verbs</li> <li>19) The tense</li> </ul>	
DECEMBER JANUARY	<ul><li>20) Forms of verbs</li><li>21) The Adverb</li><li>22) Comparison of adverbs</li></ul>	
FEBRUARY Ret	vision, Term 2 Exam	
РТ-1	C – 1 to 7	
Term 1 C – 1 to <b>PT-2</b> Term 2 ************	13 14 to 22	14 to 18
TERM – I हिन	दी	
APRIL शुभक।	मना	
पाठ 1. पाठ 2.	भक्ति पद गुब्बारे में चीता (कहानी)	
पाठ 3.	एक किरण आई कविता	
व्याकरण पाठ १.	भाषा तथा व्याकरण	
<b>JUNE</b> पाठ 4.	<b>शुभकामना</b> ईदगाह (कहानी)	
पाठ 5.	कदंब का पेड़ (कविता)	
<b>JULY</b> पाਰ 6.	<b>शुभकामना</b> माँ बेटी का श्रमजीवन (कहानी)	
पाठ ७.	चित्रकार और चित्र (कविता)	
	व्याकरण	
पाठ 2.	वर्ण—विचार	

पाठ ३.	शब्द
पाठ 16	पत्र लेखन
<mark>AUGUST</mark> पाठ 8.	<b>शुभकामना</b> सपना (कविता)
पाठ 9.	मेरा बचपन (कहानी)
	व्याकरण
पाठ ४.	वाक्य
पाठ 11.	आओ! शब्दों से मेल बढ़ाएँ
पाठ १३.	वाक्यों की अशुद्धियाँ और शोधन
पाठ १४.	मुहावरे (1 से 18 तक)
पाठ १५.	अपठित गद्यांश⁄पद्यांश
पाठ १७.	अनुच्छेद लेखन–
	(बरसात का एक दिन)
– पर्याय	वाची शब्द (1से 18 तक)
– विलोग	न शब्द (1से 21 तक)
– अनेक	शब्दों के लिए एक शब्द
	(1 से 20 तक)
SEPTEMBE TERM - II	R Revision, Term 1 Exam
OCTOBER	शुभकामना
पाठ 10.	संगीत सभा (कविता)
पाठ ११.	बकरी की भूख (कहानी)
पाठ १२.	कबीर के दोहे
	व्याकरण
पाठ 5.	संज्ञा
पाठ 6.	लिंग
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<b>NOVEMBER</b> पाठ 13.	<b>शुभकामना</b> ओ पापड़ वाले (कहानी)
पाठ १४.	तुम भी ऊँचे बन जाओ (कहानी)
	व्याकरण
पाठ ७.	वचन
पाठ ८.	सर्वनाम
<b>DECEMBER</b> पाठ 15.	<b>शुभकामना</b> इच्छा शक्ति
पाठ १६.	गोपाल कृष्ण गोखले (कहानी)
	व्याकरण
पाठ 11.	आओ! शब्दों से मेल बढ़ाएँ
– पर्यायव	ाची शब्द (19 से 36 तक)
– विलोम	शब्द (22 से 42 तक)
– अनेक	शब्दों के लिए एक शब्द
	(21 से 40 तक)
<b>JANUARY</b> पाठ 17.	<b>शुभकामना</b> अकबर और बीरबल (कहानी)
पाठ १८.	गुड़िया का बुखार (कविता)
	व्याकरण
पाठ १४.	मुहावरे (19 से 36 तक)
पाठ 15.	अपठित गद्यांश⁄पद्यांश
पाठ 16.	पत्र–लेखन
पाठ १८.	चित्रों के साथ बातचीत
FEBRUARY R	evision, Term 2 Exam

Syllabus of Test & Exam

PT-1	C -1 to 5
व्याकरण :	C -1 to 3, पत्र लेखन
<b>Term 1</b> C –	- 1 to 9
व्याकरण : C	– 1 to 4 & 11 , 14, 15, 16, 17
PT-2	C –10 to 13
व्याकरण :	C –5 to 7
Term 2 C – 1	0 to 18
व्याकरणः C –	5 to 8 , 11, 14, 15, 16, 18
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TERM-IN	NATHEMATICS
APRIL	
Unit 1	Large Numbers
Unit 2	Addition
JUNE	
Unit 3	Subtraction
JULY	
Unit 4	Multiplication
Unit 5	Division
	Linitany, Mathaal
Unit 6	Unitary Method
Revision (C	hanter-1 2 3)
	=D Porvision Tarm 1 Exam
Linit 7	Multiples and factors
Unit 8	Common factors and common multiples
NOVEMBE	R
Unit 9	Fractional Numbers
Unit 10Add	ition and subtraction of fractional numbers
DECEMBE	R
Unit 11 Mult	iplication and division of fractional numbers
JANUARY	
Unit 12Dec	imals
Unit 13 Lime	9
FEBRUARY R	levision, Term 2 Exam
Svllabus of T	Test & Exam
PT-1	U –1, 2, 3
Term 1 11 – 1	to 6
PT-2	U – 7, 8, 9
Term 2 11 – 7	' to 13
*********	****
SEMESTER	R – I SCIENCE
APRIL Lesson 1	Food and digestion
JUNE	

Lesson 2 JULY	Teeth
Lesson 3 Lesson 4 <b>AUGUST</b>	Safety first Clothing
Lesson 5	Solids, Liquids & Gases
SEPTEMBER	Revision, Term 1 Exam
OCTOBER	
Lesson 6 NOVEMBER	Plants & their food
Lesson 7 DECEMBER	Living and surviving
Lesson 8 JANUARY	Reproduction & Adaptation in animals
Lesson 9	Force, work & Energy
Lesson 10	Beyond the Earth
FEBRUARY	Revision, Term 2 Exam
Syllabus of Tes	<u>t &amp; Exam</u>
PT-1	C –1 to 3
Term 1 C – 1 to	5
PT-2	C – 6 to 8
Term 2	C – 6 to 9 and 10
**********	*****
TERM - I SO	CIAL SCIENCE
Ch. 1 <b>JUNE</b>	India our country
Ch. 2 JULY	The Northern mountains
Ch. 3	The Northern Plains
Ch. 4	The Great Indian desert
Ch 5	The Great Indian Plateau
Ch. 6	The coastal plains and Island
SEPTEMBER	Revision, Term 1 Exam
TERM-II	-
OCTOBER	
Ch. 7	Soils of India
NOVEMBER	
Ch. 8	Mineral Resources
UN. 9 DECEMBER	Human Kesources
Ch. 10	Agriculture and industries in India
JANUARY	
Ch. 11	Means of Transport
Ch. 12	Means of communication
FEBRUARY 9	Revision, Term 2 Exam
Syllabus of Tes PT-1	<b>t &amp; Exam</b> C –1 to 4
Term 1	C = 1 to 6

groups

PT-2	C – 7 to 9
Term 2 ***********	C – 7 to 12 ******
TERM-I GEI JUNE JULY	NERAL KNOWLEDGE Page No. 1 to 9 Page No. 10 to 18
AUGUST	Page No. 19 to 28
SEPTEMBER TERM - II	, Revision, Term 1 Exam
OCTOBER	Page No. 29 to 36
NOVEMBER	Page No. 37 to 44
DECEMBER	Page No. 45 to 52
JANUARY	Page No. 53 to 60
FEBRUARY Rev	ision, Term 2 Exam
********	*****
TERM–I V JUNE	ALUE EDUCATION 1. Devotion 2. Pleasant truth
JULY	3. Fool's Paradise 4. God is one
AUGUST	<ol> <li>Common sense</li> <li>Respect</li> <li>Saint Mother Teresa</li> </ol>
SEPTEMBER	Revision. Term 1 Exam
TFRM-II	-G
OCTOBER	8. Respect aged people
	9. The cycle race
NOVEMBER	10. Gratitude
	11. Be kind to all
	2. Hallic sense
	14. Unity is strength
FEBRUARY 9	Revision, Term 2 Exam
*****	*****
TERM - I COMPU <b>APRII</b>	JTER
Ch-1.	Input and output devices
Ch- 2.	Windows-7
<b>JULY</b> Ch- 3. AUGUST	Editing in Ms word 2010
Ch4. SEPTEMBER	Formatting in MS Word 2010 <i>Revision, Term 1 Exam</i>

TERM - II		
Ch-5.	Introduction to MS Power Point 2010	
NOVEMBER Ch-6.	Plaving with images in paint	
DECEMBER		
Ch-7. JANUARY	The Internet as a super highway	
Ch-8.	Pen commands in MSW Logo	
Ch-9.	Drawing Polygons Provinion Torm 2 Exam	
FEDRUARI	Revision, term z Ezam	
<u>Syllabus of Tes</u>	<u>t &amp; Exam</u>	
Term 1 C – 1 to	4	
Term 2 **********	C – 5 to <b>9</b> ******	
TERM - I DRAW	ING & SUPW	
JUNE	Lines, Aquarium	
JULY	Train, Scenery, Owl, 3 D shapes, Shapes Hunt	
	Half and Half, Cindrell	
AUGUST	Dol to dot, Elephant grid drawing, colour mixing, Mixing	g colours, Marigold, Duck,
	Lion, Mushroom House, Dino,	
september T	humb irapressions, Gond Art, Land scape	
Term 1 Exam		
TERM - II	Touture Deinting Croft Work	
NOVEMBER	Crown, Photo Frame, Night, Farm, Desert, Scenery	
DECEMBER	Country side, Rangoli, Solar system, Ship, Lady Bug	
JANUARY	Ghost, Shading, Sugar, Skull, Book marks	
FEBRUARY	Term 2 Exam	
*****	*****	
	SYLLABUS FOR CLASS. V -	2021 - 2022
TERM - I_ENGLI	SH	
APRIL		
Chapter 1	The Missing Bat	
Chapter 2	The Land of The Little People	
Poem	1	On wings of sleep
Chapter 3	The Wisdom in Carrot	
Chapter 4	Street Games of India	
Chapter 5	Chuskit Goes to School	
Poem	2	Rain in Summer

SEPTEMBER	Revision, Term 1 Exam		
Choptor 6	Charlie's Daily Daga of Sunshing		
Poem 3	Friends		
Chapter 7	Robin Hood		
Chapter 8	The March to Dandi		
Poem 4	My shadow		
DECEMBER	,		
Chapter 9	A Present for Grand father		
JANUARY	Revision		
FEBRUARY Rev	vision, Term 2 Exam		
TERM-I - EN	GLISH GRAMMAR		
	The Contenada		
Chapter 1	The Sentences		
Chapter 2	Subject and predicate		
Chapter 4	Negative sentences		
JULY			
Chapter 5	Interrogative sentences		
Chapter 6	The noun- Kinds of nouns		
Chapter 7	The noun: Number		
Chapter 8.	The noun Gender		
Chapter 9	I ne noun : possessive case		
Chapter 10	Personal pronouns		
Chapter 12	Compound personal pronouns Demonstrative pronouns		
Chapter 13	Interrogative pronouns		
Chapter 14	Reletive pronouns		
SEPTEMBER			
Revision, Ter	m 1 Exam		
TERM - II			
OCTOBER			
Chapter 15	The Adjective		
Chapter 16	Comparisons of Adjectives		
Chapter 17	Articles		
NOVEMBER			
Chapter 18	The verb		
Chapter 19	Agreement of the verb with subject		
Chapter 20	The Tense		
Chapter 21	Forms of verds		
Chapter 24	The Adverb		
Chapter 25	The Preposition		
Chapter 26	The Conjunction		
JANUARY	Revision		
	~		
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FEBRUARY ${\cal R}$	evision, Term 2 Exam	
Svllabus of T	est & Exam	
PT-1	Ch – 1,2,3 & Poem-1	
Grammar	Ch- 1 to 8	
<sup>Term 1</sup> Grammar	<i>C – 1 to 5, Poem -1- 2</i> <b>Ch- 1 to 14</b>	
PT-2 Grammar	Ch- 15 to 18	C – 6, 7 Poem-3
<sup>Term 2</sup> Grammar	<i>C – 6 to 9, Poem- 3, 4</i> Ch- 15 to 21 and 25, 26	
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TERM – I โ	हेन्दी	
APRIL शुभव	गमना	
पाठ 1.	वंदना	
पाठ 2.	बालक चंद्रगुप्त	
<u>.</u>	याकरण	
पाठ १.	भाषा और व्याकरण	
JUNE	शुभकामना	
पाठ 3.	स्वार्थ का पर्दा	
पाठ ४.	चरित्रवान बनो	
पाठ 5.	सच्चा सैनिक	
	व्याकरण	
पाठ 2.	वर्ण विचार	
पाठ 3.	शब्द–विचार	
JULY	शुभकामना	
पाठ 6.	वीर	
पाठ ७.	काला घोड़ा	
व्याव	ञ्रण	

AUGUST शुभकामना
पाठ ८. स्वस्थ जीवन
पाठ 9. अजंता की गूँजती गुफा
पाठ 10. हारिए ना हिम्मत
पाठ 11. प्रभु तुम मेरे मन का जानो
व्याकरण
पाठ 5. संज्ञा के विकार
पाठ 12. <b>शब्द भंडार –</b>
– पर्यायवाची शब्द (1से 15 तक)
– विलोम शब्द (1 से 28 तक)
– श्रुतिसमभिन्नार्थक शब्द (1 से11)
– अनेकार्थी शब्द (1 से 9)
– अनेक शब्दों के लिए एक शब्द
(1 से 17)
पाठ 15. अपठित गद्यांश⁄पद्यांश
पाठ 17. पत्र लेखन
SEPTEMBER Revision, Term 1 Exam
TERM - II OCTOBER शुभकामना
पाठ 12. फिर उड़ा हवाई जहाज
पाठ 15. एकता की शक्ति
पाठ 16. पथ की पहचान
व्याकरण
पाठ 12. श्रुतिसमभिन्नार्थक शब्द (12–22)
– पर्यायवाची शब्द (16 से 30 तक)।

—	विलोम	शब्द	(29	से	56	तक)	
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- अनेकार्थी शब्द (10 से 18 तक)।
- अनेक शब्दों के लिए एक शब्द

(18 से 35 तक)।

पाठ 13. मुहावरे (1 से 13 तक)

#### NOVEMBER शुभकामना

- पाठ १७. कंप्यूटर
- पाठ 18. जैसी करनी वैसी भरनी
- पाठ 22. हमारे सहयोगी पक्षी

#### व्याकरण

पाठ 13. लोकोक्तियाँ (6 से 11 तक)

#### DECEMBER शुभकामना

- पाठ 26. कान्हा राष्ट्रीय उद्यान
- पाठ २७. कर्तव्यनिष्ठा

#### व्याकरण

- पाठ १८. अनुच्छेद लेखन
- पाठ 19. कहानी—लेखन
- JANUARY Revision

FEBRUARY Revision, Term 2 Exam

व्याकरण : C –1 to 3

**Term 1** C – 1 to 9

व्याकरण : C – 1 to 5 & C – 12,15 , पत्र लेखन

**PT-2** C – 10 to 12, 15, 16, 17

व्याकरणः :C – 6, 13, 14

**Term 2** C – 10 to 12, 15 to 18, 22,26,27 व्याकरण : C - 6, 12, 13, 14, 18, 19 \*\*\*\*\* TERM - I MATHEMATICS APRIL Unit 1 Numbers upto ten crore Operations involving large numbers Unit 2 JUNE Unit 3 H.C.F. and L.C.M. Unit 4 Multiplication and division of fractional numbers JULY Unit 5 Decimals Unit 6 Simplification of numerical expressions AUGUST Unit 7 Rounding numbers SEPTEMBER Revision, Term 1 Exam TERM – II OCTOBER Unit 8 Average Speed, Time and Distance Unit 9 Unit 10Percentage NOVEMBER Unit 11 Profit and Loss Unit 12Simple interest DECEMBER Unit 13Lines and angles JANUARY Unit 14Triangles and quadrilaterals Unit 15Circle FEBRUARY Revision, Term 2 Exam Syllabus of Test & Exam PT-1 U - 1 to 3 U – 1 to 7 Term 1 PT-2 U – 8 to 10 Term 2 U – 8 to 15 \*\*\*\*\* TERM - I SCIENCE APRIL Chapter 1 **Plant Reproduction** JUNE Chapter 2 Food and Health JULY Chapter 3 Safety and first aid Houses all around Chapter 4 AUGUST States of Matter Chapter 5 SEPTEMBER Revision, Term 1 Exam TERM - II OCTOBER

Chapter 6 Soil erosion and conservation Chapter 7 Rocks and minerals NOVEMBER Chapter 8 Animal world DECEMBER Chapter 9 Our skeletal system JANUARY Chapter 10 Our Nervous system FEBRUARY Revision, Term 2 Exam Syllabus of Test & Exam PT-1 C – 1 to 3 C – 1 to 5 Term 1 PT-2 C - 6, 7, 8,Term 2 C – 6 to 10 \*\*\*\*\* TERM - I SOCIAL SCIENCE APRIL Chapter 1 Globes and maps JUNE Chapter 2 Locating places JULY Chapter 3 Climatic variations The Land of Dense forests Chapter 4 AUGUST Chapter 5 The land of Ice and snow Chapter 6 Hot desert SEPTEMBER Revision, Term 1 Exam TERM – II OCTOBER Chapter 7 The temperate grasslands NOVEMBER Natural disasters and mitigation Chapter 8 The Great inventions & discoveries Chapter 9 DECEMBER Chapter 10 The living longer and healthier JANUARY Chapter 11 The great Indians Chapter 12 The Struggle towards freedom FEBRUARY Revision, Term 2 Exam Syllabus of Test & Exam PT-1 C – 1 to 4 C – 1 to 6 Term 1 PT-2 C - 7 to 9 Term 2 *C* – 7 to 12

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TERM - I			COMPUTER			
APRIL	1. The	history of compute	ers			
JULY	2. Mer 3. Exp	nory and storage c loring windows 7	Jevices			
AUGUST	4. Mor	e on Ms word				
SEDTEMPED	(HF -: @@@vici	Chapter 1 to 4)				
	CTOBE	οπ, 1erm 1 Έλμπ ?				
	5. Cre	ating a presentation	on			
NOVEMBER DECEMBER	6. Form 7. Usinę	atting a presentati g the Internet	ion			
JANUARY	8. Algo	orithms and flow ch	narts			
	9. Rep	eat command and	I	procedures in MSW Logo	)	
	(AN -:	Chapter 5 to 9)				
FEBRUARY	Revisio	on, Term 2 Exam				
******	*****					
TERM - I GENER	AL KNO	WLEDGE				
JUNE			Page No. 1 to 8			
		ſ	Page No. 9 to 17 Page No. 18 to 26			
SEPTEMBER	Page	No. 27 to 32				
Revision, Ter	m 1 Exe	ım				
TERM - II						
			Page no. 33 to 40 Page no. 41 to 48			
DECEMBER	Page	No. 49 to 57				
JANUARY			Page No. 58 to 64			
FEBRUARY Re	vision, I	Term 2 Exam				
*****	***					
TERM - I VALU	E EDUCA	ATION				
JUNE	1.	Faith in God				
	2.	Good Behaviour				
JULY	3.	Alexander's Hors	e			
	4.	The wily Jackal				
AUGUST	5.	Snake bite				
					6.	Real
friendship	) 7		Commitment			
Revision. Ter	rm 1 Ex	am	Communent			
		<u>.</u>				
TERM - II						
OCTOBER	8	Truth of life				

	9.	Gencerosity
NOVEMBE	ર	
	10.	Thankless Goldsmith
	11.	Be polite
DECEMBER		
	12.	The disloyal king
	13.	Unity is strength
JANUARY	14.	Choose your company
FEBRUARY Re	vision, I	Term 2 Exam
Syllabus of Te	<u>st &amp; Exa</u>	<u>m</u>
Term 1	C – 1 to	07
Term 2	C – 8 ta	0.14
******************** TERM - I DR JUNE	AWING	<b>&amp; SUPW</b> Train
JULY	Scene	ry, count shapes, Pig, House, Diva
	Duck,	Castle
AUGUST	Cabba	ge, Colour mixing, Mountains, Objects Drawing, Vegetables, Leopord, Blending Techniques
<b>september</b> G	ond Art	Fish, Owl, Cotton bunny, Truck
	Term	1 Exam
TERM - II		
OCTOBER	Art W	ork, Tree house
NOVEMBER	My Tow	n, Farm, Rangoli, Bridge,
Field		
DECEMBER E	Bear, Pun	npkin, Pattern Fish, Butterfly Bracelet, Pond
JANUARY	Shadii	ng, Shading Techniques, Nose, Emotions, Bookmarks.
FEBRUARY Te	erm 2 Es	(am
*:	*****	*****
		RATIONALISED SYLLABUS OF THE ACADEMIC YEAR 2021-22 CLASS VI

<u>ENGLISH</u>

<u>Ferm I</u>	
• <u>April</u>	
MCB=	
Chapter 1 –You can hear the flow	ers sing
Chapter 2 –The Cherry tree	
Grammar=	
Chapter 1 – Nouns	
Chapter 2 – Nouns : Number	
Writing Part = Message	
	• <u>July</u>
	MCB =
	Chapter 4 – A fact file
	Chapter 5 – Hard times : A true Albanian story
	Grammar =
	Chapter 4 – Pronouns
	Chapter 5- Articles
	Chapter 3 – Nouns : Gender
- August	writing Part – Paragraph writing
• <u>August</u>	
NCB - Chaptor 2 - Alarm Clock	
Chapter 5 – Alarin Clock	
Grammar =	
Chapter 15 – Tenses	
Writing Part = Letter Writing (For	mal)
	• September
	Grammar = Chapter 6 - Adjectives
	Revision of Term 1 Examination
Ferm – II	
• October	
MCB =	
Chapter 7 – The legendary 'Cultu	re Queen' of India
Chapter 8 – Casabianca	
Grammar =	
Chapter 7– Adjectives :Degrees o	f comparison
Chapter 8 - Verbs	
Chapter 13 - Subject - Verb agree	ment
	• <u>November</u>
	MCB =
	Chapter 9 – The Report Card
	Grammar =
	Chapter 10 - Phrases and sentences
	Chapter 11 -Types of sentences
	Writing part = Letter Writing (informal)
• <u>December</u>	
VICB = Chapter 10 – The tra	veners and the Purse
Chapter 13 – A	it the theatre for the lady bening me
sianniai = Chapter 18 – Active a	
	• <u>January</u>

		Ch	<ul> <li>apter 17- Conjunctions</li> <li>Writing part – •Notice</li> </ul>			
	• Dialogue Making					
• Revisi	on of Term 2 Exan	n				
Split	-Up Syllabus					
•	Term – 1					
P. T 1	:- MCB = Chap	oter – 1,2,3	Grammar = Chapter – 1,2,3			
Term	<u>1 Exam:</u> MCB	=Chapter- 1,2	2,3,4,5,6			
		Grammar= (	Chapter -1,2,3,4,5,6,15			
•	Term – 2	willing Pall	.s Message, Palagraph whiting, Letter whiting (Pohlar)			
Р. Т –	<u>2</u> :- MCB = Chap	ter- 7,8,9	Grammar= Chapter-7,8,13			
<b>Р.</b> Т-З	:- MCB = Chap	oter- 10, 12	Grammar = 10,11			
Torm	2 Evam: MCD	- Chantor 7	9 0 10 12			
rerm .	<u>2 EXam</u> :- WCB	Grammar=C	8,9,10,13 hanter –7.8.10.11.13.17.18			
		Writing Part	ts:- Letter writing (Informal), Notice,			
		Dialogue-Ma	aking			
HIND	<u>) </u>					
	Month	Chapter				
	TERM - I					
	<b>अप्रैल —</b> वसंत	पाठ—१	यह चिड़िया जो			
		पाठ—2	बचपन			
	व्याकरण	पाठ—1	भाषा, लिपि, बोली और व्याकरण			
	<b>जुलाई</b> –वसंत	पाठ—3	नादान–दोस्त			
	-	पाठ—4	चाँद से थोड़ी–सी गप्पें			
	पाठ—६	5 अक्षरों	का महत्व			
	व्याकरण	पाठ—2	वर्ण विचार,			
	<b>अगस्त</b> –वसंत	पाठ—6	पार नजर के			
	व्याकरण	पाठ—3	शब्द विचार			
		पाठ—6	उपसगे एव प्रत्यय			
	सितम्बर	पाठ–8	संज्ञा			
		शब्द भंडार	विलोम (Page No. 111)			
			पर्यायवाची शब्द (1–22)			
			अनेक शब्दों के लिए एक शब्द (1–27)			
			अनेकार्थक शब्द (1–23)			
			समरूप भिन्नार्थक शब्द (Page No. 121)			
			शुद्ध वर्तनी (शब्द)			
			मुहावरे (1–25)			
			लाकाक्तिया (1–8)			
			रचनात्मक लखन (ानबंध, पत्र, अनुच्छद, कहाना, संवाद) अपठित गदयांश, पदयांश			

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Revision and Term 1 Exam
      TERM - II
      अक्टूबर– वसंत
                                     साथी हाथ बढाना
                         पाठ—७
                                     टिकट–अलबम
                         पाट—9
                                     सर्वनाम
            व्याकरण
                         पाट—10
                                     जो देखकर भी नहीं देखते
       नवम्बर–वसंत
                         पाठ—11
                               मैं सबसे छोटी होऊँ
                  पाठ—13
दिसम्बर–
                  व्याकरण
                         पाठ—11
                                     विशेषण
                               क्रिया
                   पाठ—12
                                     नौकर
                  वसंत पाठ–15
                                     वन के मार्ग में
      जनवरी–वसंत
                         पाट—16
            व्याकरण
                         पाट—13
                                      काल
                                     अव्यय या अविकारी शब्द
                         पाठ—14
                                     विराम चिहन
                         पाठ—16
                                     शब्द भंडार- विलोम शब्द (Page No. 112)
                                     पर्यायवाची (23–43)
                                      अनेक शब्दों के लिए एक शब्द (28–55)
                                      अनेकार्थक शब्द (24–46)
                                      शुदध वर्तनी (वाक्य)
                                      मुहावरे (26–50)
                                      लोकोक्तियाँ (9–15)
                                      रचनात्मक लेखन – निबंध, पत्र, संवाद, कहानी, अनुच्छेद अपठित–
                                      गद्यांश, पद्यांश
      फरवरी
                         Revision and Term 2 Exam
                                     रचनात्मक लेखन
      TERM - I
      पत्र- 1.पैसे मँगवाने के लिए अपने पिता को पत्र।
            2. विद्यालय छोड्ने का प्रमाण पत्र लेने के लिए प्रार्थना पत्र।
            3. बीमारी के कारण छुट्टी के लिए प्रधानाध्यापक को पत्र।
      निबंध—1.आदर्श विदयार्थी
            2. पेड-पौधे हमारा जीवन
            3. समय का सद्पयोग
      अनुच्छेद लेखन–
                         1.खेलकूद और स्वास्थ्य
                         2. मित्रता
                         1.मुफ्त का नारियल
      कहानी लेखन–
                         2. कर्म का फल
                         1.श्री कृष्ण और द्वारपाल का संवाद
      संवाद लेखन–
      TERM - II
      <u> पत्र 1.जल बोर्ड अधिकारी को जल संकट हेत् पत्र लिखिए।</u>
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2. बिजली संकट से उत्पन्न अस्विधाओं का वर्णन करते हुए बिजली बोर्ड के अध्यक्ष को पत्र
              लिखिए।
              3. छात्रावास जीवन का वर्णन करते हुए अपने मित्र को पत्र लिखिए।
       निबंध–1.रंगों का त्योहार होली
              2. वन प्रकृति की शोभा
              3. बढ़ता हुआ प्रदूषण
       अनुच्छेद लेखन– 1. प्रातः काल की सैर
                            2 बाल दिवस
       कहानी लेखन– 1.चालाक जमींदार
                            2. न्याय
       संवाद लेखन–
                            1.दो दोस्तों का आपस में संवाद
       PT-1 – (वसंत) Chapter - 1 to 4 व्याकरण – पाठ– 1
       Term 1 Exam -1 Full Syllabus
       PT- 2 – (वसंत) Chapter – 7, 9, 11, व्याकरण – पाठ– 10, 11
       PT-3 – (वसंत) Chapter – 13,15,16 व्याकरण – पाठ– 12, 13
       Term 2 Exam Full Syllabus
SANSKRIT
Term 1
माह- अप्रैे⊠
व्याकरण - संस्कृत वर्णमाला
शब्दरूप – 'बालक' (अकारांत पुल्लिंग शब्दः), 'बालिका' (आकारान्त स्त्रीलिंग शब्दः)
धातुरूप – लटुलकारः (वर्तमान कालः)
रुचिरा– प्रथमः पाठः (शब्द परिचयः – । )
       द्वितीयः पाठः (शब्द परिचयः –॥ )
माह –जुलाई
रुचिरा–तृतीयः पाठः (शब्द परिचयः –III)
    चतुर्थः पाठः (विद्यालयः)
<u>व्याकरण –</u> शब्दरूप –'पुष्प' (अकारान्त नपुंसकलिंग शब्दः)
<u>माह – अगस्त</u>
<u>रुचिरा</u> – पञ्चमः पाठः (वृक्षाः)
     षष्ठः पाठः (समुद्रतट:)
<u>व्याकरण</u>– धातुरूप – लृट्लकारः (भविष्यत् कालः), कथा-लेखनं , चित्र-वर्णन (निर्धारित पाठों से) , अपठित गद्यांशं
माह – सितम्बर
Revision & Term 1 Examination
TERM – II
<u>माह – अक्टूबर</u>
रुचिरा– सप्तमः पाठः (बकस्य प्रतीकारः )
      अष्टमः पाठः (सुक्तिस्तबकः)
<mark>व्याकरण</mark> – शब्दरूप - 'मुनि' (इकारांत पुल्लिंग शब्दः)
      धातुरूप - लोट्लकारः (अनुज्ञा / आदेशः )
<u>माह – नवम्बर</u>
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<u>रुचिरा</u>– दशमः पाठः (कृषिका: कर्मवीराः) एकादशः पाठः (पुष्पोत्सवः) <u>व्याकरण</u>– शब्दरूप – 'भानु' (उकारांतपुल्लिंग शब्दः) धातुरूप –लड्.लकारः (अतीतकाल:) <u>माह – दिसंबर</u> <u>रुचिरा</u>– द्वादशः पाठः (दशमः त्वम् असि) <u>व्याकरण</u>– संख्यावाची शब्द (गिनती) – 1 से 10 तक संवाद – लेखनं (वार्तालाप) <u>माह – जनवरी</u> <u>रुचिरा</u>– चतुर्दशः पाठः (अहह आः च) <u>व्याकरण</u>– चित्र – वर्णन , अपठित गद्यांशम् <u>माह – फ⊠⊠⊠</u> Revision & Term 2 Examination

#### **SPLIT – UP SYLLABUS**

<u>PT- 1</u> – पाठ 1 से 3 , <u>व्याकरण</u> – वर्णमाला , धातुरूप (लट्लकार:), शब्दरूप (बालक ) <u>Term 1 Exam</u> – <mark>रुचिरा</mark> - (पाठ 1 से 6 तक ), व्याकरण</mark> – वर्णमाला, धातुरूप (लट्लकारः एवं लृट्लकारः ), शब्दरूप (बालक ,बालिका , पुष्प), रिक्तस्थान आधारित चित्र – वर्णन एवं कथा – लेखन , अपठित गद्यांश, मूल्यपरक प्रश्न <u>PT- 2</u>- <u>रुचिरा</u> – पाठ 7, 8, 10, धातुरूप (लोट्लकारः) , शब्दरूप (मुनि) PT- 3- रुचिरा – पाठ 11,12 व्याकरण

<u>Term 2 Exam</u> – <u>रुचिरा</u> ( पाठ 7, 8, 10, 11, 12, 14), <u>व्याकरण</u> – धातुरूप (लोट्लकारः एवं लड्.लकारः), शब्दरूप (मुनि एवं भानु), संस्कृत संख्यावाची शब्द (1 – 10), रिक्तस्थान आधारित चित्र – वर्णन एवं संवाद – लेखन , अपठित गद्यांश, मूल्यपरक प्रश्न

### **MATHEMATICS**

#### TERM I

MONTHS	Chapter	
APRIL	Chapter 1- Knowing our numbers Chapter 2- Whole numbers	
JULY	Chapter 2- Whole numbers Chapter 3- Playing with numbers	
AUGUST	Chapter 4- Basic geometrical ideas Chapter 5- Understanding elementary shapes	
SEPTEMBER	Chapter 6- Integers	
Revision and Term 1 Exam TERM II		
OCTOBER	Chapter 7- Fractions Chapter 8- Decimals	
NOVEMBER	Chapter 8- Decimals Chapter 10- Mensuration	
DECEMBER	Chapter 10- Mensuration Chapter 11-Algebra	
JANUARY	Chapter 12- Ratio and proportion Chapter 13- Symmetry	

	Revision AND Term 2 Exam				
	SPLIT – UP SYLLABUS				
	PT -1 – Chapter – 1, 2 and 3				
	PT- 2 – Chapter – 7,8 and 10				
	PT-3 - Chapter 11, 12				
	First term- Chapters 1,2,3,4,5,6				
	Annual exam-	Chapters 7,8,10,11,12,13			
SCIENCE					
Term I					
April	Chapter 1	Food : Where does it come from ?			
	Chapter 2	Components of Food			
July	Chapter 2	Components of Food.			
	Chapter 3	Fibre to Fabric .			
August	Chapter 4	Sorting materials into groups .			
Chapt	ter 5 Separ	ation of Substances.			
September	Chapter 6	Changes around us.			
Revision and	d Term 1 Exa	m.			
Term II					
October	Chapter 7	Getting to know Plants.			
November	Chapter 8	Body Movements.			
	Chapter 11	Light, Shadows and Reflections.			
December	Chapter 9	The living organisms and their Surroundings.			
January.	Chapter 12	Electricity and Circuits			
	Chapter 13	Fun with Magnets			
February	Revision and	d Annual Examination			
Split up Sy	/llabus				
PT 1 Chapte	r 1 , 2 , 3				
Term 1 Exar	n - Chapter 1	l, 2, 3, 4, 5, 6			
PT 2 Chapte	r 7, 8, 11				
PT 3 Chapte	r 8,12,13				
Term 2 Exar	Term 2 Exam -Chapter 7 , 8 , 9 , 11 , 12 , 13.				

# SOCIAL SCIENCE

<u> TERM - 1</u>

MONTH	NAME OF THE CHAPTERS
	Chapter 1 – The Earth in the solar system(Geo.)
April	Chapter 1 – What, Where, How and When/On the trail of the earliest people (His.)
	Chapter 1 – Understanding diversity (Political Science)
	Chapter 2 – Globe (Geo.)
July	Chapter 2 – From Hunting Gathering to growing Food (His.)
	Chapter 2 – Diversity and Discrimination (Political Science)
	Chapter 3 – Motion of the Earth(Geo.)
August	Chapter 3 – In the earliest cities (His.)
	Chapter 3 – What is Government (Political Science)

Sept	Revision for Term 1 Exam
MAP SKILLS	Maps from inside the chapters

#### <u> TERM - 2</u>

MONTH	NAME OF THE CHAPTERS
October	Chapter 4 – What books and Burials tells us (His.)
	Chapter 4 – Maps (Geo.)
	Chapter 4 – Key Elements of a Democratic Government (Political Science)
Novembe	Chapter 5 – Major Domains of the Earth (Geo.)
r	Chapter 5 – Panchayati Raj (Political Science)
	Chapter 5 – Kingdoms Kings and an Early Republic (His.)
Decembe	Chapter 6 – Major Landforms of the Earth (Geo.)
r	Chapter 6 – New Questions and Ideas (History)
January	Chapter 6 – Rural Administration (Political Science)
	Chapter 7 – Ashoka, The Emperor who Gave up war (History)
February	Revision for Term 2 Exam
MAP	Maps from inside the chapters
SKILLS	

#### SPLIT – UP SYLLABUS

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PT – 1
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HISTORY – CHAPTER 1
GEOGRAPHY – CHAPTER 1 & 2
POLITICAL SCIENCE – CHAPTER 1
Term 1 Exam- FULL SYLLABUS OF TERM 1
PT- 2
HISTORY – CHAPTER 4
GEOGRAPHT – CHAPTER 4 & 5
POLITICAL SCIENCE – CHAPTER 4
PT- 3
HISTORY – CHAPTER 6
GEOGRAPHY – CHAPTER 6
POLITICAL SCIENCE – CHAPTER 5
Term 2 Exam - FULL SYLLABUS OF TERM 2
COMPUTER
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TERM-I APRIL 1. Computer languages 2. More on MS windows7

JULY	3. More on MS PowerPoint 2007					
AUGUST	4. More on MS word 2007					
SEPTEMBER	Revision and Term 1 Exam (Chapter -1 to 4)					
TERM II						
OCTOBER	5. Introduction and MS –Excel 2007					
NOVEMBER	BER 6. Formulae in MS Excel 2007					
DECEMBER	MBER 7. MS Publisher 2007					
JANUARY	8. Multimedia					
	9. More on E-mail					
FEBRUARY	Revision Term 2 Exam (Chapter -5 to 9)					
	RATIONALISED SYLLABUS OF THE ACADEMIC YEAR 2021-22					
	<u>CLASS VII</u>					
<u>ENGLISH</u>						
Term 1						
April- MCB	- 1. The clothesline					
	2. The beauty of difference					
Grammar -	1. Countable and uncountable Nouns.					
	2. Articles					
	Writing part- Notice					
July - MCB-	3. Mottainai					
	4. Funny looking					
	5. The Mountain trail					
Grammar-	3. Adjectives.					
	4. Subject verb agreement.					
	5. Kinds of sentences.					
	Writing part – Message.					
August- MC	<b>B</b> - 6. The open door.					
Grammar –	6. Framing questions.					
	7. The preposition.					
September	<ul> <li>Writing part – Dairy Entry, E-Mail</li> </ul>					
Revision f	or Term 1 Examination					
Term 2						
October-M	CB-7. The wind.					
	8. Dairy of a 12year old					
Grammar –	9. The present tenses.					
	10. The past tenses.					
	11. The future time.					
Writingpart	- Letter writing (Formal letter)					
November -	- MCB-9. Brought to book.					
	10. Unaware.					
Grammar-	12. Modal verbs.					
Writingpart	- Story writing					
December -	-MCB- 11. India's for gotten Titanic					
Grammar-	13. Non-finites: The participles					
	14. Non-finites: The Gerunds					
	Writing -part : Article writing					
January –M	CB- 13.The Further Bank.					
Grammar –	15. Word- power.					

Writing-part : paragraph writing. February - Revision for Term 2 Exam P. T. 1. Syllabus-MCB- lesson 1,2,3 Grammar – lesson 1,2,3 Term 1 Exam Syllabus-MCB- Lesson 1,2,3,4,5,6 Grammar -Lesson 1,2,3,,4,5,6,7 Writing part – Notice, Message ,Dairy entry,E-Mail. P. T. 2.Syllabus – MCB- Lesson 7,8,9 Grammar – Lesson9,10,11 P. T. 3.Syllabus – MCB- Lesson 10,11 Grammar – Lesson 12,15

Term 2 Exam Syllabus –

MCB-Lesson 7,8,9,10,11,13 Grammar -Lesson 9,10,11,12,14,15,20 Writing part – Letter writing, story Writing, Article Writing, Paragraph Writing.

#### HINDI

# **TERM-I**

माह		<u>पाठ संख्या</u>	शीर्षक
अप्रैल	वसंत	पाठ—1	हम पंछी उन्मुक्त गगन के (कविता)
	पाठ-	-2 दादी	माँ (कहानी)
	व्याकरण पाठ-	-1 भाषा	और व्याकरण
	पाठ–	-2 वर्ण	विचार
जुलाई	वसंत	पाठ—3	हिमालय की बेटियाँ (निबंध)
		पाठ—4	कटपुतली (कविता)
		पाठ—5	मिठाई वाला (कहानी)
	व्याकरण	पाठ—3	शब्द विचार
अगस्त	वसंत	पाठ—6	रक्त और हमारा शरीर (निबंध)
		पाठ—8	शाम–एक किसान (कविता)
	व्याकरण	पाठ—6	उपसर्ग
		पाठ—७	प्रत्यय
सितम्बर	र व्याकरण	पाठ—9	संज्ञा
		शब्द भंडार	विलोम शब्द (Page No. 137)
		पर्यायवाची (	1—36)
		अनेक	5 शब्दों के लिए एक शब्द (1—40)
		अनेक	गर्थक शब्द (1–30)
		समस्	त्रपी भिन्नार्थक (Page No. 151)
		मुहाव	रे (1-30)
	लोक	क्तियाँ (1–17)	)
	रचन	ात्मक लेखन –	- (निबंध, पत्र, अनुच्छेद, कहानी, संवाद)

			अपठित गदयां ा. पदयांश. सचना लेखन	
		<b>Revision</b> a	nd I <sup>st</sup> Term Exam	
TERM-II				
<u>माह</u>	<u>पाठ्यपुस्तक</u>	<u>पाठ संख्या</u>	शीर्षक	
अक्टूबर	वसंत	पाठ—11	रहीम के दोहे (कविता)	
		पाठ—13	एक तिनका (कविता)	
		पाठ—14	खानपान की बदलती तस्वीर (निबंध)	
नवम्बर	व्याकरण	पाठ—11	सर्वनाम	
	पाठ—12	विशेषण		
पाठ—	13 क्रिया			पाठ—14
कलि	नगंच		भोग भौग नगाना (ननिनग)	
विसम्बर	वसत	410—16 गार 10	मार आर बरखा (कावता) गांधर्ष के काणण में तनक पित्यान हो गुगा	
		чю <b>— 10</b>	्रायय पर परिया म पुगुपर मिलाल हा गया —'धनराज पिल्ले (साथाल्कार)	
		पात—१०	आश्रम का अनमानित त्याय (लेखा-जोखा)	
जनवरी	त्रसंत	भाउ १३ पात—२०	विष्त्रव गायन (कविता)	
	व्याकरण	पाठ—15	अव्यय या अविकारी शब्द	
		पाठ—16	वाच्य	
			<b>शब्द भंडार</b> – विलोम (Page No. 138)	
			पर्यायवाची (37–72)	
			अनेक शब्दों के लिए एक शब्द (41–79)	
			अनेकार्थक (31–62)	
			समरूपी भिन्नार्थक (Page No. 152)	
			मुहावरे (31–63), लोकोक्तियाँ (18–34)	
			रचनात्मक लेखन (निबंध, पत्र, अनुच्छेद, कहानी, संवाद)	
			अपठित गद्यांश, पद्यांश	
फरवरी		Revision a	nd Term 2 Exam	
				-
			TEDM II	
	IERM I			

अनुच्छेद—	अनुच्छेद—
1) देशभक्ति	1) मीठे बोल
2) समय की महत्ता	2) मनोरंजन
3) पुस्तक मेला	3) वन संरक्षण
पत्र	पत्र
1) अपने स्कूल के प्रधानाचार्य को तीन दिन	1) टेलीफोन की समस्या हेतु महानगर टेलीफोन
के अवकाश के लिए प्रार्थना पत्र	निगम के प्रबंधक को पत्र।
2) विद्यालय में पुनः प्रवेश के लिए प्रार्थना	2) असामाजिक तत्वों हेतु पुलिस को शिकायती पत्र।
पत्र लिखिए	3) कुसंगति से बचने की सलाह देते हुए छोटे भाई
3) बहन का भाई को पत्र।	को पत्र
निबंध	निबंध
1) राष्ट्रभाषा हिंदी	1) समाजसेवा
2) नगरों की समस्याएँ	2) भ्रष्टाचार
3) भारतीय किसान	3) विज्ञान एक वरदान
कहानी – लेखन	कहानी – लेखन
1) झील के किनारे	1) लालची मछुआरा
2) सच्चा सुख	2) अंतिम दौड़

### **SPLIT - UP SYLLABUS**

**PT- 1 –** (वसंत) Chapter - 1 to 4 व्याकरण — पाठ— 1

#### Term 1 Exam -1 Full Syllabus

**PT- 2 –**(वसंत) Chapter - 11 to 14, व्याकरण — पाठ— 11, 12, पत्र लेखन, अपठित गद्यांश **PT- 3 –**(वसंत) Chapter – 16,18,19 व्याकरण — पाठ— 13, 14,

#### Term 2 Exam Full Syllabus

#### SANSKRIT

Term 1

माह – अप्रैल व्याकरण – संस्कृत वर्णमाला शब्दरूप – एतत् (पुल्लिंग, स्त्रीलिंग, नपुंसकलिंग) धातुरूप – लट्लकार: (वर्तमानकालः) रुचिरा – प्रथमः पाठः (सुभाषितानि) द्वितीयः पाठः (दुर्बुद्धि: विनश्यति) <u>माह – जुलाई</u> **रुचिरा** – तृतीयः पाठः (स्वावलम्बनम्) चतुर्थः पाठः (हास्यबालकविसम्मेलनं ) व्याकरण – शब्दरूप - तत् (पुल्लिंग, स्त्रीलिंग, नपुंसकलिंग) धातुरूप – लुटुलकार: (भविष्यकालः)) चित्रवर्णन माह – अगस्त रुचिरा - पञ्चमः पाठः (पंडिता रमाबाई) षष्ठः पाठः (सदाचारः) व्याकरण - धातुरूप – लड्.लकारः (भूतकालः),**शब्दरूप - मति (इकारांत स्त्रीलिंग शब्दः)**, संख्यावाचक शब्दः (1 से 50 तक), कथालेखनं , अपठित गद्यांशम्

माह – सितम्बर Revision & Term 1 Examination TERM – II माह – अक्टूबर रुचिरा– अष्टमः पाठः (त्रिवर्ण: ध्वजः) दशमः पाठः (विश्वबन्धुत्वम्) **व्याकरण –** शब्दरूप - 'वारि' (इकारांत नपुंसकलिंग शब्दः), 'नदी' (ईकारांत स्त्रीलिंग शब्दः) धातुरूप – लोटलकारः (अनुज्ञा / आदेशः) माह – नवम्बर एकादशः पाठः (समवायो हि दुर्जयः) रुचिरा-दवादशः पाठः (विदयाधनं) संख्यावाचक शब्दः (51 से 100 तक), कारकं उपपदविभक्ति: व्याकरण -संवाद लेखनं <u>माह – दिसम्बर</u> रुचिरा– त्रयोदशः पाठः (अमृतं संस्कृतं) व्याकरण - शब्दरूप –**'मधु' (उकारांत नपुंसकलिंग शब्दः)**, धातुरूप – विधिलिड्.लकार: (विधि: / सम्भावना) माह – जनवरी रुचिरा– पञ्चदशः पाठः (लालनगीतम्) व्याकरण – शब्दरूप - 'पितृ' (ऋकारान्त पुल्लिंग शब्दः) चित्रवर्णन , अपठित गद्यांशम् माह –फरवरी **Revision & Term 2 Examination SPLIT – UP SYLLABUS** संख्यावाचक शब्दः (1 से 50 तक) <u> Term 1 Exam</u> –<u>रुचिरा</u> - (पाठ 1 से 6 तक), <u>व्याकरण</u> - वर्णमाला, धातुरूप (लट्लकारः, लृट्लकारः एवं लड्.लकारः), शब्दरूप -मति, एतत् एवं तत् (पुल्लिंग, स्त्रीलिंग, नपुंसकलिंग), संख्यावाचक शब्दः (1 से 50 तक), चित्र - वर्णन एवं रिक्तस्थानाधारित कथा - लेखन , अपठित गदयांश, मुल्यपरक प्रश्न संख्यावाचक शब्दः (51 से 100 तक) PT- 3- रुचिरा - पाठ 12, 13, व्याकरण <u> Term 2 – रुचिरा</u> (पाठ 8, 10, 11, 12, 13,15), <u>व्याकरण</u> - धातुरूप (लोट्लकारः एवं विधिलिड्.लकारः), शब्दरूप (वारि, नदी, मध्,पितृ), संस्कृत संख्यावाची शब्द (51 - 100), चित्र - वर्णन एवं रिक्तस्थानाधारित संवाद - लेखन , अपठित गदयांश, मुल्यपरक प्रश्न MATHEMATICS **TERM I** 

MONTHS	Chapter
APRII	Chapter 1- Integers
	Chapter 2- Fractions and Decimals
	Chapter 2- Fractions and Decimals
3021	Chapter 3- Data Handling

AUGUST	Chapter 4- Simple Equations
100001	Chapter 5-Lines and Angles
SEPTEMBER	Chapter 6- The Triangle and Its Properties

### Revision and TERM 1 EXAM

#### TERM II

OCTOBER	Chapter 8- Comparing Quantities Chapter 9- Rational Numbers
	Chapter 9- Rational Numbers
NOVEMBER	Chapter 11- Perimeter and Area
DECEMBER	Chapter 12- Algebraic Expression
DECEMBER	Chapter 13-Exponents and Power
ΙΔΝΠΔΒΥ	Chapter 13-Exponents and Power
5/110/111	Chapter 14- Symmetry

#### **Revision AND TERM 2 EXAM**

**SPLIT – UP SYLLABUS** 

PT -1 – Chapter – 1, 2 and 3

PT- 2 – Chapter – 8, 9 and 11.

PT- 3 – Chapter – 12,13

## SCIENCE

#### TERM I

Month	onth Chapters	
	1. Nutrition in Plants	
	2. Nutrition in Animals	
	re to fabric	
	4. Heat	
August	ds,Bases and Salts	
	vsical and chemical changes	
	vsical and chemical changes	
September	ion	
	1 Examination	

#### TERM II

Month	Chapters	
October	7. Weather climate and adaptation of Animals to	
	climate	
	9. Soil	
November	10. Respiration in organisms	
	11. Transportation in animals and plants	
December	11. Transportation in animals and plants	
	13. Motion and time	
January	14. Electric current and its effects	
	16. Water: a precious resource	
February	Revision	
	Term 2 Examination	

#### Split up syllabus

- PT 1 Chapter 1,2,3 Term 1 Examination Chapter 1 to 6
- PT 2 Chapter 7,9,10 Term 2 Examination Chapter 7,9,10,11,13,14,16
- PT 3 Chapter 10,11,12 Term 2 Examination Chapter 7,9,10,11,13,14,16

# SOCIAL SCIENCE

#### Term-1

Month	Name of the Chapters
April	Chapter-1 Environment (Geo)
	Chapter-1 On equality (Poli)
	Chapter-1 Tracing changes through a thousand years (His)
July	Chapter 2 Inside our earth(Geo)
	Chapter-2 Role of Government in Health (poli)
	Chapter-2 New Kings and Kingdom (His)
	Chapter-3 How the state Government works (Poli)
August	Chapter-3 Our changing earth (Geo)
	Chapter-3 The Delhi Sultan's(His)
	Chapter-4 Mughal Empire (His)
September	Chapter-4 Growing up as boys and girls (Poli)
	Revision for Term 1 Exam
	Map Skills- Maps from inside the chapters
Term-2	
Month	Name of the Chapters
October	Chapter-4 Air(Geo)
	Chapter-6 Towns, traders and craft person (His)
-	Chapter-5 Women change the world(Poli)
November	Chapter-5 Water(Geo)
	Chapter-7 Tribes, Nomads and Settled communities (His)
December	Chapter 6 Natural Vegetation and wild life(Geo)
	Chapter-8 Devotional path to divine (His)
	Chapter-6 Understanding media (Poli)
January	Chapter-7 Human Environment: Settlement (Geo)
	Chapter-8 Market around us (Poli)
February	Revision for Term 2 Exam
	Map Skills- Maps from inside the chapters
Split - up syll	abus
PT1 -	
History C	hapter 1 and 2
Geography - (	Chapter 1and 2
Political Scier	nce -Chapter 1
ierm 1 Exami	nation - Full syllabus of term 1
PIZ – History	- Chapter 6 and 7
Geogra	pny - Chapter 4 and 5 Lesience - Chapter 5
POlitica	Chapter 7
PI3 – History	- Chapter /
Geogra	pny - Chapter 6
Politica	i science - Chapter 6
	ination Full cyllobus of term 2
Term 2 Exam	mation - run synapus of term 2

# COMPUTER

TERM-I	
APRIL	1. Computer hardware and software
	2. Advance features of windows 7
JULY	3. Computer virus and detection
AUGUST	4. Number System
	5. Advanced formula and functions in MS Excel2007
SEPTEMBER	: Revision and Term 1 Exam (Chapter -1 to 5)
TERM II	
OCTOBER	6. Charts in MS-Excel 2007
NOVEMBER	7. Introduction to MS one note
DECEMBER	8. Adobe Photoshop CS3
JANUARY	9. More on Internet
	10. An introduction to flash
FEBRUARY	Revision and Term 2 Exam (Chapter - 6 to 10)
	*****

#### RATIONALISED SYLLABUS OF THE ACADEMIC YEAR 2021-22 CLASS VIII

# ENGLISH

# Term 1

MCB	1. Triantiwotigangolope
	2 A lesson that lasted a lifetime
Grammar –	1. Articles.
	2. Collective and abstract nouns.
	Writing-part – Notice.
MCB-	3. Journey by night.
	4. Thepedlar'scaravan
	5. Anuncomfortablebed.
Grammar –	1. Unusual singular and plurals .
	2. Adjectives.
	3. Degree of comparison.
	Writing part –Dairy entry .
MCB- 7.	l can't remember.
Grammar–	1. Subject verb agreement.
	2. Adverbs .
	Writing part –Letter writing (formal)
– Grammar -	- 8. Kinds of sentences.
	Writing part -Story writing.
Revision of	Term 1 Examination.
	MCB Grammar – MCB- Grammar – MCB- 7. Grammar– - Grammar – Revision of

	October –	MCB-	8. Walls of kindness.
		9. As	you like it.
		Grammar –	10. Relative pronoun.
			11. Tense.
			Writing part –letter writing (informal)
	November-	MCB-	10. Gliders, parachutes and Helicopters.
			13. Stopping by woods on a snowy evening
		Grammar –	12. Preposition.
			14. Modals.
			Writing part –Poster.
	December-	MCB-	14. The Sunken Treasure.
		Grammar –	15. Infinitives.
			Writing part –Dialogue making
	January –	Grammar -	16. Participles.
		Writing par	t-Article writing
bru	ary – Revisio	n for Term 2	2 Examination
	P. T. 1. Sylla	abus-	MCB-Lesson 1,2,3
			Grammar-Lesson1,2,3
	Term 1 Exar	n. Syllabus -	-MCB- Lesson 1,2,3,4,5,7
			Grammar -Lesson 1,2,3,4,5,6,7,8
			Writing part – Notice ,Dairy entry, story writing, letter writing
			(formal)
	P. T. 2 Sylla	bus —	MCB-Lesson 8,9,10
			Grammar -Lesson 10,11
	P. T. 3 Sylla	bus —	MCB-Lesson 13,14
			Grammar -Lesson 14,15
	Term 2 Sylla	abus-	MCB- Lesson 8,9,10,13,14
			Grammar -Lesson 10,11,12,14,15,16
		Writii	ng part -poster, dialogue making, letter writing (informal), Article
			witting

# Term 1

माह	पाट्य पुस्तक	पाठ्य संख्या	पाठ शीर्षक
अप्रैल	वसन्त	पाठ १	ध्वनि
		पाठ २	लाख की चूड़ियाँ
जुलाई	वसन्त	पाठ ३	बस की यात्रा
•		पाठ ४	दीवानों की हस्ती
		पाठ ५	चिटि्ठयों की अनूठी दुनिया
	व्याकरण(ज्ञान सुधा)	पाठ १	भाषा,लिपि, बोली और व्याकरण
अगस्त	वसन्त	पाठ ६	भगवान के डाकिये
		पाठ ७	क्या निराश हुआ जाए
	व्याकरण(ज्ञान सुधा)	पाठ २	वर्ण विचार
		पाठ ३	शब्द विचार
			शब्द भंडार – विलोम शब्द (पेज न.171)
			पर्यायवाची शब्द (पेज न.175,176)
			1से 49 तक
			अनेक शब्दों के लिए एक शब्द (1से 46तक)
			अनेकार्थक शब्द (1से 30)
			एकर्शक शब्द (पेज न 187)

सितम्बर	व्याकरण (ज्ञान सुधा)	पाठ पाठ पाठ पाठ	4 5 6 7	समरूपी भिन्नार्थक शब्द (1से15) शुद्ध वर्तनी (पेज न. 192 ) मुहावरे (1से 25), लोकोक्तियाँ (1से12) शब्द निर्माण (संधि) शब्द निर्माण (समास) शब्द निर्माण (उपसर्ग) शब्द निर्माण (प्रत्यय )
Term-II मान	णदम् एनक	णट	ग जांग्रा	गात भीर्षक
	10,4 3,004	410	५ राउपा	
अक्टूबर	वसन्त व्याकरण (ज्ञानसुधा)	पाठ पाठ पाठ पाठ	10 11 11	कामचोर जब सिनेमा ने बोलना सीखा सर्वनाम विशेषण
नवम्बर	वसन्त व्याकरण (ज्ञानसुधा) पाठ 14	पाठ पाठ पाठ पाठ	12 12 13 13 काल	सुदामा चरित्र जहाँ पहिया है क्रिया
दिसम्बर	वसन्त व्याकरण (ज्ञानसुधा)	पाठ पाठ पाठ	14 15 16	सूर के पद अव्यय या अविकारी शब्द वाच्य शब्द भंडार – विलोमशब्द (172–173) पर्यायवाची शब्द (177) 50से 82तक अनेक शब्दों के लिए एक शब्द (47 से 93 तक) अनेकार्थक शब्द (31 से 59 तक) एकार्थक शब्द (पेज न.188) समरूपी भिन्नार्थक शब्द (16 से 32 तक) शुद्ध वर्तनी (पेज न. 193) मुहावरे (26 से 52 तक) लोकोक्तियाँ (13से 25 तक)
जनवरी	वसन्त व्याकरण <i>(</i> ज्ञानसधा)	पाठ पाठ पाठ	16 17 19	पानी की कहानी बाज और सॉंप अलंकार
		रचन	ना कार्य	
	Term-I			Term-II
अनुच्छेद 1 पर्यावरण संरक्षण 2 सेवा और सहयोग 3 सादा जीवन उच्च विचार औपचारिक पत्र 1 विद्यालय शुल्क से मुक्ति के लिए प्रार्थना पत्र 2 बीमारी के कारण वार्षिक परीक्षा में न बैठने के लिए		अनुच्छेद 1 प्रगति की 3 2 पुस्तक पढ़ने 3 ग्राम्य जीवन 4 पुस्तक मेला औपचारिक पत्र 1 निर्धन छात्र	गेर भारत के कदम का आनंद ब कोष से सहायता के लिए प्रधानाचार्य को	

3 चरित्र प्रमाण पत्र की प्राप्ति के लिए विद्यालय के प्रधानाध्यापक को आवेदन पत्र	2 मनी ऑर्डर प्राप्त न होने के सम्बन्ध में आवेदन पत्र 3 पुस्तक मँगाने के लिए प्रकाशक को पत्र	
अनापचारिक पत्र	अनापचारिक पत्र 1 फ्राजावाय में उटने वाले आपने फोने आर्ट को अध्ययन की	
2 अपने मित्र को पत्र जिसमें आपके विद्यालय के वार्षिक	ा जातापात्त न रहना पाल जपन छाट नाइ का अध्ययन का सलाह देते हुए पत्र	
समारोह कर वर्णन हो	2 दादी माँ की बीमारी के विषय में बताते हए अपने पिता को	
	पत्र	
निबंध	निबंध	
1 मेरे सपनों का विद्यालय	1 मेरे जीवन का लक्ष्य	
2 राजधाना दिल्ला –दशनाय स्थल २ राज्य विषयप्र साहरूदा का शण्णम	२ सत्सगात ३ गतात्वर्ग की आकांश्राण	
3 आत्म विश्वसि संफलता का आधार 4 मेरी पिरा प्रस्तक	३ युवावगं का आकाक्षाए ४ वर्षा ऋत	
5 जीवन में खेल कद का महत्व	עטע ודר ד	
	कहानी	
कहानी	1 आदतों की जड	
1 जो भी होता है अच्छे के लिए होता है	2. मेहनत करना सीखो	
2. ाजसका काम उसा को साजे	3 मटर बन माता	
3. प्यार का मूल्य	डारारी लेखन संवाद लेखन	
डायरी लेखन , संवाद लेखन		
P.T. 1 – Syllabus वसन्त ––पाठ 1,2,3 , व्याकर	<u></u> पाठ 1	
Term 1 Exam Syllabus वसन्तपाठ 1 से 7 त	ाक, ````````````````````````````````````	
व्याकरण (ज्ञानसुधा) ——पाठ	१सं ७ तक ,शब्दभडार ,	
	। , ।गभन्ध	
r.i. 2 Syndbus पश्चम्त – पाठ 10,11,12 व्याकरण ज्ञान सुधा –– पाठ -	11,12	
P.T. 2 Syllabus वसन्त – पाठ 10,11,12		
व्याकरण ज्ञान सुधा —– पाठ	11,12	
P.T. 3 Syllabus वसन्त – पाठ 13,15,16		
व्याकरण ज्ञान सुधा —— पाठ	13 Term 2 Exam Syllabus वसन्त — पाठ	
10,11,12,13,15,16,17	11 10 10 11 15 10 10	
व्याकरण ज्ञान सुधा	। । , । ८, । 3, 14, 15, 16, 19 अनच्छेद / कहानी / संवाद पत्र निबन्ध ।	
SANSKRIT		
विषय संस्कृत		
<u>Term - I</u>		
प्रथम सत्र—		
माह पाठ-संख्या/व्याकरण शीर्षक/उप	ग <b>विष</b> य	
अप्रैल पूर्व ज्ञान संबंधी विषय वर्णमाला एक	वं उच्चारण स्थान	
प्रथमः पाठः सुभाषितानि	। (निरस्त)	
व्याकरण १. संख्यावा	ची शब्द (1 से 50 तक)	

		2. संज्ञा शब्द रूप–बालक, बालिका एवं पुष्प।
		3. सर्वनाम शब्द रूप–अस्मद् एवं युष्मद्।
		4. खाद् धातु रूप–पाँचों लकारों में।
जुलाई	द्वितीयः पाठः	बिलस्य वाणी न कदापि मे श्रुता।
	तृतीयःपाठः	डिजी भारतम्।
	चतुर्थः पाठः	सदैव पुरुतो निधेहि चरणम्।
अगस्त	पंचमः पाठः	कण्टकेनैव कण्टकम्।
	रचनाकार्य	रिक्तस्थानाधारित पत्र प्रधानाचार्य के प्रति।
अगस्त	षष्ठः पाठः	गृहं शून्यंसुतांविना।
	सप्तमः पाठः	भारतजनताऽहम् । (निरस्त)
	व्याकरण	सर्वनाम शब्द रूप– यत् शब्द तीनों लिंगों में।
	रचनाकार्य	रिक्तस्थानाधारित संवाद लेखन।
सितंबर	पुनरावृत्ति एवं अर्द्ध वार्षिक प	नरीक्षा ।
द्वितीय सत्र–		
माह	पाठ–संख्या / व्याकरण	शीर्षक / उपविषय
अक्टूबर	अष्टमः पाठः	संसारसागरस्य नायकाः (निरस्त)
	नवमः पाठः	सप्तभगिन्यः।
	व्याकरण	1. प्रत्ययः।
		2. उपसर्गः।
		3. उपपदविभक्तिः (कारक चिह्न)।
		4. सन्धि।
नवंबर	दशमः पाठः	नीतिनवनीतम्।
	एकादशः पाठः	सावित्री बाईफुले।
	व्याकरण	सर्वनाम शब्द रूप–इदम् शब्द तीनों लिंगों में।
	रचनाकार्य	रिक्तस्थानाधरित कथा लेखन।
	दिसंबर	द्वादशः पाठः कः रक्षति कः रक्षितः।
	व्याकरण	1. संख्यावाची शब्द (51 से 100 तक)।
		2. ऋकारांत / नकारांत शब्द रूप—मातृ, स्वसृ
	एव राजन	
जनवरी	त्रयोदशः पाठः	क्षितौ राजते भारतस्वर्णभूमिः ।
	चतुर्दशः पाठः	आयेभटः ।
	पंचदशः पाठः	प्रहेलिकाः (निरस्त)

इष् धातु रूप–पाँचों लकारों में। व्याकरण चित्र वर्णन–पाठ– 13 के अभ्यास में दिए रचनाकार्य गए विभिन्न प्रश्नों की गतिविधियाँ। पुनरावृत्ति एवं वार्षिक परीक्षा। फरवरी पीटी—1—पाठ्यक्रम (25 अंक) संस्कृत रुचिरा – 20 अंक प्रथमः पाठः, द्वितीयः पाठः, तृतीयः पाठः संस्कृत व्याकरण– 5 अंक वर्णमाला एवं उच्चारणस्थान, संख्या वाची शब्द (1 से 50 तक) बालक एवं बालिका शब्द रूप खाद् धातु—लट्लकार एवं लङ्लकार शब्द रूप। पीटी—2 —पाठ्यक्रम— (25 अंक) संस्कृत रुचिरा – 20 अंक नवमः पाठः, दशमः पाठः एवं एकादशः पाठः संस्कृत व्याकरण– 5 अंक प्रत्यय, उपसर्ग, उपपदविभक्ति,संधि, इदम् सर्वनाम शब्द तीनों लिंगों में रूप एवं संख्या वाची शब्द (51 से 100 तक) पीटी–3 –पाठ्यक्रम– (25 अंक) संस्कृत रुचिरा – पाठ 12,13 संस्कृत व्याकरण– 5 अंक प्रथम सत्र परीक्षा –80 अंक खंड— (क) अपठित—गद्यांश आधारित प्रश्नोत्तर। खंड–(ख) रचनाकार्य–प्रधानाचार्य को पत्र एवं संवाद लेखन (रिक्तस्थानाधारित) खंड— (ग) व्याकरण–पुष्प–संज्ञा, अस्मद, युष्मद् एवं यत्–सर्वनाम शब्द रूप। खाद् धातु–लृट्लकार, लोट्लकार एवं विधिलिंग रूप। उपपदविभक्ति, विलोम शब्द एवं संख्यावाची शब्द (1 से 50 तक) खंड—(घ) संस्कृत रुचिरा —पाठ— 2 से 6 तक। (पाठ — 1 एवं 7 निरस्त) द्वितीय सत्र परीक्षा – 80 अंक खंड–(क) अपठित–गद्यांश आधारित प्रश्नोत्तर। खंड—(ख) रचनाकार्य – कथालेखन एवंचित्र वर्णन रिक्तस्थानाधारित)

खंड— (ग) व्याकरण — मातृ, स्वसृ ऋकारांत एवं राजन् नकारांत—संज्ञा शब्द रूप। इष् धातु — पाँचों लकारों में रूप, प्रत्यय, उपसर्ग, संधि, संख्यावाची शब्द (51 से 100 तक)

खंड—(घ) संस्कृत रुचिरा –पाठ 9 से 14 तक। (पाठ – 8 एवं 15 निरस्त)

## MATHEMATICS

TERM I

MONTHS	Chapter
APRIL	Chapter 1- Rational Numbers Chapter 2- Linear Eq. in One Variable
JULY	Chapter 2- Linear Eq. in One Variable Chapter 3- Understanding Quadrilaterals
AUGUST	Chapter 6- Square & Square Roots Chapter 7- Cube and Cube Roots
SEPTEMBER	Chapter 9- Algebraic Expressions & Identities

## Revision and TERM 1 EXAM

TERM II

OCTOBER	Chapter 8- Comparing Quantities Chapter 11- Mensuration
NOVEMBER	Chapter 11- Mensuration Chapter 14- Factorization
DECEMBER	Chapter 5- Data Handling Chapter 12- Exponents and Power
JANUARY	Chapter 13- Direct and Inverse Proportions Chapter 4- Practical Geometry

#### Revision AND TERM 2 EXAM

#### **SPLIT – UP SYLLABUS**

- PT -1 Chapter 1, 2 and 3
- PT- 2 Chapter 8, 11 and 14.
- PT- 3 Chapter 11, 12 and 13.

## SCIENCE

#### Term I

Month	Chapter
April	1. Crop Production and Management
	2. Microorganisms: Friend and Foe
July	3. Synthetic Fibres and Plastics
	4. Materials Metals and Nonmetals
August	5. Coal and Petroleum
	11. Force and Pressure
S	11. Force and Pressure
eptember	
	Revision

#### Term 1 Examination

#### Term II

Month	Chapter
October	8. Cell -Structure and functions
	9. Reproduction in animals
November	9. Reproduction in Animals
	10. Reaching the age of Adolescence
December	10. Reaching the age of adolescence
	12. Friction
January	13. Sound
	14. Chemical effects of electric current
February	16. Light
	Revision
	Term 2 Examination

Split up syllabus

PT 1 Chapter 1,2,3

Term 1 Examination. Chapter 1,2,3,4,5,11 PT 2. Chapter 8,9,10

PT 3. Chapter 12,13,14

Term 2 Exam- Chapter 8,9,10,12,13,14,15

### SOCIAL SCIENCE

#### <u> TERM - 1</u>

MONTH	NAME OF THE CHAPTERS
	Chapter 1 - Resources(Geo.)
April	Chapter 1 -How When and Where (His.)
	Chapter 1 - The Indian Constitution (Political Science)
	Chapter 2 - Land, Soil, Water, Natural Vegetation and Wildlife Resources(Geo.)
July	Chapter 2 - From Trade to Territory (His.)
,	Chapter 2 - Understanding Secularism(Political Science)
	Chapter 3 - Minerals and Power Resources
August	Chapter 3 - Ruling the Country side (His.)
	Chapter 3 - Why do we need Parliament(Political Science)
Sept	Revision for Term 1 Exam
MAP	Maps from inside the chapters
SKILLS	

MONTH	NAME OF THE CHAPTERS
October	Chapter 5 - When people rebel (His.)
	Chapter 4 - Agriculture(Geo.)
	Chapter 4 - Understanding Law (Political Science)

	Chapter 5 - Industries (Geo.)	<u>TERM - 2</u>
November	Chapter 5 - Judiciary (Political Science)	
	Chapter 6 - Weavers, Iron Smelters and Factory Owners	
	Chapter 6 - Human Resources (Geo.)	
December	Chapter 6 - Understanding our criminal justice system(Political Science)	
January	Chapter 7 - Civilising the "Native", Educating the nation (His.)	
	Chapter 8 - Women, cast and Reform	
February	Revision for Term 2 Exam	
MAP SKILLS	Maps from inside the chapters	

#### <u> Split - Up Syllabus</u>

Г

Spint Op 5	TTUBUS_				
PT1 – Histor	ry - Chapter 1 and 2				
Geography Chapter 1and 2 Political Science - Chapter 1 TERM 1 EXAMINATION- FULL SYLLABUS OF TERM 1 PT2 – History - Chapter 5 and 6 Geography - Chapter 5 Political Science - Chapter 5 PT3 – History - Chapter 7 Geography - Chapter 5 Political Science - Chapter 5					
TERM 2 EXAMINATION - FULL SYLLABUS OF TERM 2					
COMPUTER					
TERM-I					
APRIL	1.Introduction to MS Access 2007				
	2. MS Access: Queries, Forms and Reports				
Ϳυιγ	3. More about Flash				
AUGUST	4. How to use Adobe Photoshop CS3				
	5. Introduction to HTML				
SEPTEMBER	Revision and Term 1 Exam (Chapter -1 to 5)				
OCTOBER	6. HTML Creating web pages				
--------------------------------	--	--	--	--	--
OVEMBER	7. Networking of Computers				
DECEMBER 8. Exploring internet					
ANUARY	9. Cyber Crime and security				
	10. Information Systems, Ethics Crime and Security				
EBRUARY	Revision Term 2 Exam (Chapter -6 to 10)				
	* * * * * * * * * * * * * * * * * * * *				
	English Language & LiteratureCode No. 184				
	<u>Class IX (2021-22)</u>				
	<u>Term wise Syllabus</u>				
<b></b>					
	Term - I				
vocabu 1. Dis 2. Cas	Ilary, analysis and interpretation: cursive passage (400-450 words) se based Factual passage (with visual input/ statistical data/ chart etc. 200-250 words)				
Writin	<b>3-</b>				
1. De: 2. Sho	scriptive paragraph (Person) ort Story (based on beginning line, outline, cues etc.)				
Crama					
Gramm					
1. Te	nses				
2. Sul	oject-Verb Concord				
3. Mo	dals .				
4. Dei	cerminers				
5. Ke	mmands and Poquests				
0. CO 7 Sta	tements				
1. 50	7. Statements				

# <u>Literature</u>

Questions based on extracts / texts to assess interpretation, inference, extrapolation beyond the text and across the texts.

# <u>Moments</u>

- 1. The Lost Child
- 2. The Adventures of Toto
- 3. In the Kingdom of Fools
- 4. The Happy Prince

## **BeehiveProse**

- 1. The Fun They Had
- 2. The Sound of Music
- 3. The Little Girl
- 4. A Truly Beautiful Mind
- 5. My Childhood

## Poems-

- 1. The Road Not Taken
- 2. Wind
- 3. Rain on The Roof
- 4. A Legend of The Northland

# <u> Term - II</u>

# <u>Reading-</u>

Question based on the following kinds of unseen passages to assess inference, evaluation, vocabulary, analysis and interpretation:

- 1. Discursive passage (400-450 words)
- 2. Case based Factual passage (with visual input/ statistical data/ chart etc. 200-250 words)

## Writing-

- 1. Descriptive Paragraph (Diary)
- 2. Story writing (based on beginning line, outline, cues etc.)

## <u>Grammar</u>

- 1. Tenses
- 2. Subject-Verb Concord
- 3. Modals
- 4. Determiners
- 5. Reported Speech
- 6. Commands and Requests
- 7. Statements
- 8. Questions

## <u>Literature</u>

Questions based on extracts / texts to assess interpretation, inference, extrapolation beyondthe text and across the texts.

<u>Moments</u>

- 1. Weathering the Storm in Ersama
- 2. The Last Leaf
- 3. A House is not a Home
- 4. The Beggar
- **Beehive**

<u>Prose</u>

- 1. Packing
- 2. Reach for The Top
- 3. The Bond of Love
- 4. If I were

You<u>Poems</u>

- 1. No Men Are Foreign
- 2. On killing a Tree
- 3. The Snake Trying

Each Term

SECTION	WEIGHTAGE (IN MARKS)
READING	10
WRITING & GRAMMAR	10
LITERATURE	20
TOTAL	40
INTERNAL ASSESSMENT	10
GRAND TOTAL	50

English Language and LiteratureCode No. 184

<u>Class X (2021-22)</u>

Term wise Syllabus

Term - I

## <u>READING</u>

Question based on the following kinds of unseen passages to assess inference, evaluation, vocabulary, analysis and interpretation:

- 1. Discursive passage (400-450 words)
- 2. Case based Factual passage (with visual input/ statistical data/ chart etc. 300-350 words)

## WRITING SKILL

- 1. Formal letter based on a given situation.
  - Letter to the Editor
  - Letter of Complaint (Official)
  - Letter of Complaint (Business)

## GRAMMAR

- 1. Tenses
- 2. Modals
- 3. Subject-Verb Concord
- 4. Determiner
- 5. Reported Speech
- 6. Commands and Requests
- 7. Statements
- 8. Questions

# **LITERATURE**

Questions based on extracts / texts to assess interpretation, inference, extrapolation beyond the text and across the texts.

## FIRST FLIGHT

- 1. A Letter to God
- 2. Nelson Mandela
- 3. Two Stories About Flying
- 4. From the Diary of Anne Frank
- 5. The Hundred Dresses 1
- 6. The Hundred Dresses 2

## POEMS

- 1. Dust of Snow
- 2. Fire and Ice
- 3. A Tiger in the Zoo
- 4. The Ball Poem

## FOOTPRINTS WITHOUT FEET

- 1. A Triumph of Surgery
- 2. The Thief's Story
- 3. Footprints Without Feet

# Term - II

## **READING**

Question based on the following kinds of unseen passages to assess inference, evaluation, vocabulary, analysis and interpretation:

- 1. Discursive passage (400-450 words)
- 2. Case based Factual passage (with visual input/ statistical data/ chart etc. 300-350 words)

## WRITING SKILL

- 1. Formal letter based on a given situation
  - Letter of Order
  - Letter of Enquiry
- 2. Analytical Paragraph (based on outline/chart/cue/map/report etc.)

### **GRAMMAR**

- 1. Tenses
- 2. Modals
- 3. Subject Verb Concord
- 4. Determiner
- 5. Reported Speech
- 6. Commands and Requests
- 7. Statements
- 8. Questions

## **LITERATURE**

Questions based on extracts / texts to assess interpretation, inference, extrapolation beyond the text and across the texts.

## FIRST FLIGHT

- 1. Glimpses of India
- 2. Madam Rides the Bus
- 3. The Sermon at Benares
- 4. The Proposal (Play)

# <u>POEMS</u>

- 1. Amanda
- 2. Animals
- 3. The Tale of Custard the Dragon

# FOOTPRINTS WITHOUT FEET

- 1. The Making of a Scientist
- 2. The Necklace
- 3. The Hack Driver
- 4. Bholi

SECTION	WEIGHTAGE (IN MARKS)
READING	10
WRITING & GRAMMAR	10
LITERATURE	20
TOTAL	40
INTERNAL ASSESSMENT	10
GRAND TOTAL	50

# **MATHEMATICS (IX-X)**

(CODE NO. 041)

### Session 2021-22

• to develop reverence and respect towards great Mathematicians for their contributions to he field of Mathematics;

- to develop interest in the subject by participating in related competitions;
- to acquaint students with different aspects of Mathematics used in daily life;
- to develop an interest in students to study Mathematics as a discipline.

## **COURSE STRUCTURE**

CLASS - IX (2021-22)

## FIRST TERM

# One Paper 90 Minutes

NO.	UNIT NAME	MARKS
I	NUMBER SYSTEMS	8
II	ALGEBRA	5
Ш	COORDINATE GEOMETRY	4
IV	GEOMETRY	13
V	MENSURATION	4
VI	STATISTICS & PROBABILITY	6
	Total	40
	INTERNAL ASSESSMENT	10
	TOTAL	50

#### **UNIT- NUMBER SYSTEMS**

### 1. NUMBER SYSTEM

Review of representation of natural numbers, integers, rational numbers on the numberline. Rational numbers as recurring/ terminating decimals. Operations on real numbers.

- 1. Examples of non-recurring/non-terminating decimals. Existence of non-rational numbers (irrational numbers) such as ,  $\sqrt{2}$ ,  $\sqrt{3}$  and their representation on the number
- 2. Rationalization (with precise meaning) of real numbers of the type 1 and 1

$$a+b\sqrt{x}$$
  $\overline{\sqrt{x}+\sqrt{y}}$ 

(and their combinations) where x and y are natural number and a and b are integers.

3. Recall of laws of exponents with integral powers. Rational exponents with positive real bases (to be done by particular cases, allowing learner to arrive at the generallaws.)

## **UNIT-ALGEBRA**

## 2. LINEAR EQUATIONS IN TWO VARIABLES

Recall of linear equations in one variable. Introduction to the equation in two variables. Focus on linear equations of the type ax+by+c=0. Explain that a linear equation in two variables has infinitely many solutions and justify their being written as ordered pairs of realnumbers, plotting them and showing that they lie on a line. Graph of linear equations in twovariables. Examples, problems from real life with algebraic and graphical solutions being done simultaneously

## **UNIT-COORDINATE GEOMETRY**

## 3. COORDINATE GEOMETRY

The Cartesian plane, coordinates of a point, names and terms associated with the coordinate plane, notations, plotting points in the plane.

## **UNIT-GEOMETRY**

## 4. LINES AND ANGLES

1. (Motivate) If a ray stands on a line, then the sum of the two adjacent angles so formed is180° and the converse.

2. (Prove) If two lines intersect, vertically opposite angles are equal.

3. (Motivate) Results on corresponding angles, alternate angles, interior angles when a transversal intersects two parallel lines.

4. (Motivate) Lines which are parallel to a given line are parallel.

5. (Prove) The sum of the angles of a triangle is 180°.

6. (Motivate) If a side of a triangle is produced, the exterior angle so formed is equal to thesum of the two interior opposite angles.

## **5. TRIANGLES**

1. (Motivate) Two triangles are congruent if any two sides and the included angle of one triangle is equal to any two sides and the included angle of the other triangle (SAS Congruence).

2. (Motivate) Two triangles are congruent if any two angles and the included side of one triangle is equal to any two angles and the included side of the other triangle (ASA Congruence).

3. (Motivate) Two triangles are congruent if the three sides of one triangle are equal to threesides of the other triangle (SSS Congruence).

4. (Motivate) Two right triangles are congruent if the hypotenuse and a side of one triangleare equal (respectively) to the hypotenuse and a side of the other triangle. (RHS Congruence)

5. (Prove) The angles opposite to equal sides of a triangle are equal.

6. (Motivate) The sides opposite to equal angles of a triangle are equal.

7. (Motivate) The sides opposite to equal angles of a triangle are equal.

# UNIT-MENSURATION

## 6. HERON'S FORMULA

Area of a triangle using Heron's formula (without proof)

## **UNIT-STATISTICS & PROBABILITY**

## 7. STATISTICS

Introduction to Statistics: Collection of data, presentation of data — tabular form, ungrouped

/ grouped, bar graphs, histograms

INTERNAL ASSESSMENT	MARKS	TOTAL MARKS
Periodic Tests	3	
Multiple Assessments	2	
Portfolio	2	10
Student Enrichment Activities-practical work	3	

## SECOND TERM

No.	UNIT NAME	MARKS
I	ALGEBRA(Cont.)	12
II	GEOMETRY(Cont.)	15
III	MENSURATION(Cont.)	9
IV	STATISTICS & PROBABILITY(Cont)	4
	Total	40
	INTERNAL ASSESSMENT	10
	TOTAL	50

## **UNIT-ALGEBRA**

## **1. POLYNOMIALS**

Definition of a polynomial in one variable, with examples and counter examples. Coefficients of a polynomial, terms of a polynomial and zero polynomial. Degree of a polynomial. Constant, linear, quadratic and cubic polynomials. Monomials, binomials, trinomials. Factors and multiples. Zeros of a polynomial. Factorization of  $ax^2 + bx + c$ ,  $a \neq 0$  where a, b and c are real numbers, and of cubic polynomials using the Factor Theorem.

Recall of algebraic expressions and identities. Verification of identities

 $(x + y + z)^{2} = x^{2} + y^{2} + z^{2} + 2xy + 2yz + 2zx$   $(x \pm y)^{3} = x^{3} \pm y^{3} \pm 3xy (x \pm y)$  $x^{3} \pm y^{3} = (x \pm y) (x^{2} \mp xy + y^{2})$  and their use in factorization of polynomials.

# UNIT-GEOMETRY

# 2. QUADRILATERALS

1. (Prove) The diagonal divides a parallelogram into two congruent triangles.

- 2. (Motivate) In a parallelogram opposite sides are equal, and conversely.
- 3. (Motivate) In a parallelogram opposite angles are equal, and conversely.
- 4. (Motivate) A quadrilateral is a parallelogram if a pair of its opposite sides is parallel and equal.
- 5. (Motivate) In a parallelogram, the diagonals bisect each other and conversely.

6. (Motivate) In a triangle, the line segment joining the mid points of any two sides is parallel to the third side and in half of it and (motivate) its converse.

# 3. CIRCLES

Through examples, arrive at definition of circle and related concepts-radius, circumference, diameter, chord, arc, secant, sector, segment, subtended angle.

- 1. (Prove) Equal chords of a circle subtend equal angles at the centre and (motivate) its converse.
- 2. (Motivate) The perpendicular from the centre of a circle to a chord bisects the chord and conversely, the line drawn through the centre of a circle to bisect a chord is perpendicular to the chord.
- 3. (Motivate) Equal chords of a circle (or of congruent circles) are equidistant from thecentre (or their respective centres) and conversely.
- 4. (Motivate) The angle subtended by an arc at the centre is double the angle subtended by it at any point on the remaining part of the circle.
- 5. (Motivate) Angles in the same segment of a circle are equal.
- 6. (Motivate) The sum of either of the pair of the opposite angles of a cyclic quadrilateral is180° and its converse.

# 4. CONSTRUCTIONS

1. Construction of bisectors of line segments and angles of measure 60°, 90°, 45° etc., equilateral triangles.

2. Construction of a triangle given its base, sum/difference of the other two sides and onebase angle. **UNIT-MENSURATION** 

# 5. SURFACE AREAS AND VOLUMES

Surface areas and volumes of cubes, cuboids, spheres (including hemispheres) and rightcircular cylinders/cones.

# **UNIT-STATISTICS & PROBABILITY**

# 6. PROBABILITY

History, Repeated experiments and observed frequency approach to probability. Focus is on empirical probability. (A large amount of time to be devoted to group and to individual activities to motivate the concept; the experiments to be drawn from real - life situations, and from examples used in the chapter on statistics).

INTERNAL ASSESSMENT	MARKS	TOTAL MARKS
Periodic Tests	3	
Multiple Assessments	2	

Portfolio	2
Student Enrichment Activities-practical work	3

One Paper90

10 marks for the term

## COURSE STRUCTURECLASS -X (2021-22) FIRST TERM

Mi	Minutes		
NO.	UNIT NAME	MARKS	
I	NUMBER SYSTEMS	6	
II	ALGEBRA	10	
III	COORDINATE GEOMETRY	6	
IV	GEOMETRY	6	
V	TRIGONOMETRY	5	
VI	MENSURATION	4	
VII	STATISTICS & PROBABILITY	3	
	Total	40	
	INTERNAL ASSESSMENT	10	
	TOTAL	50	

INTERNAL ASSESSMENT	MARKS	TOTAL MARKS
Periodic Tests	3	
Multiple Assessments	2	
Portfolio	2	10 marks for the term
Student Enrichment Activities-practical work	3	

# **UNIT-NUMBER SYSTEMS**

## 1. REAL NUMBER

Fundamental Theorem of Arithmetic - statements after reviewing work done earlier andafter illustrating and motivating through examples. Decimal representation of rational numbers in terms of terminating/non-terminating recurring decimals.

# UNIT-ALGEBRA

# 2. POLYNOMIALS

Zeroes of a polynomial. Relationship between zeroes and coefficients of quadraticpolynomials only.

# 3. PAIR OF LINEAR EQUATIONS IN TWO VARIABLES

Pair of linear equations in two variables and graphical method of their solution, consistency/inconsistency. Algebraic conditions for number of solutions. Solution of a pair of linear equations in two variables algebraically - by substitution and by elimination. Simple situational problems. Simple problems on equations reducible to linear equations.

# UNIT-COORDINATE GEOMETRY

# 4. COORDINATE GEOMETRY

LINES (In two-dimensions)

Review: Concepts of coordinate geometry, graphs of linear equations. Distance formula.Section formula (internal division)

## **UNIT-GEOMETRY**

## **5. TRIANGLES**

Definitions, examples, counter examples of similar triangles.

1. (Prove) If a line is drawn parallel to one side of a triangle to intersect the other two sides in distinct points, the other two sides are divided in the same ratio.

2. (Motivate) If a line divides two sides of a triangle in the same ratio, the line is parallel to the third side.

3. (Motivate) If in two triangles, the corresponding angles are equal, their correspondingsides are proportional and the triangles are similar.

4. (Motivate) If the corresponding sides of two triangles are proportional, their correspondingangles are equal and the two triangles are similar.

5. (Motivate) If one angle of a triangle is equal to one angle of another triangle and the sides including these angles are proportional, the two triangles are similar.

6. (Motivate) If a perpendicular is drawn from the vertex of the right angle of a right triangleto the hypotenuse, the triangles on each side of the perpendicular are similar to the whole triangle and to each other.

7. (Motivate) The ratio of the areas of two similar triangles is equal to the ratio of thesquares of their corresponding sides.

8. (Prove) In a right triangle, the square on the hypotenuse is equal to the sum of thesquares on the other two sides.

9. (Motivate) In a triangle, if the square on one side is equal to sum of the squares on theother two sides, the angle opposite to the first side is a right angle.

## **UNIT- TRIGONOMETRY**

# 6. INTRODUCTION TO TRIGONOMETRY

Trigonometric ratios of an acute angle of a right-angled triangle. Proof of their existence (welldefined). Values of the trigonometric ratios of 30<sup>0</sup>, 45<sup>o</sup> and 60<sup>o</sup>. Relationships between the ratios.

## TRIGONOMETRIC IDENTITIES

Proof and applications of the identity  $sin^2A + cos^2A = 1$ . Only simple identities to be given

## UNIT-MENSURATION

# 7. AREAS RELATED TO CIRCLES

Motivate the area of a circle; area of sectors and segments of a circle. Problems based on areas and perimeter / circumference of the above said plane figures. (In calculating area of segment of a circle, problems should be restricted to central angle of 60° and 90° only.

Plane figures involving triangles, simple quadrilaterals and circle should be taken.)

## **UNIT- STATISTICS & PROBABILITY**

### 8. PROBABILITY

Classical definition of probability. Simple problems on finding the probability of anevent.

### SECOND TERM

NO.	UNIT NAME	MARKS
Ι	ALGEBRA(Cont.)	10
II	GEOMETRY(Cont.)	9
	TRIGONOMETRY(Cont.)	7
IV	MENSURATION(Cont.)	6
V	STATISTICS & PROBABILITY(Cont.)	8
	Total	40
	INTERNAL ASSESSMENT	10
	TOTAL	50

### **UNIT-ALGEBRA**

## **1. QUADRATIC EQUATIONS**

(10) Periods

Standard form of a quadratic equation  $ax^2 + bx + c = 0$ , (a  $\neq 0$ ). Solutions of quadratic equations (only real roots) by factorization, and by using quadratic formula. Relationshipbetween discriminant and nature of roots. Situational problems based on quadratic equations related to day to day activities (problems on equations reducible to quadratic equations are excluded)

# 2. ARITHMETIC PROGRESSIONS

Motivation for studying Arithmetic Progression Derivation of the nth term and sum of the first n terms of A.P. and their application in solving daily life problems. (Applications based on sum to n terms of an A.P. are excluded)

## **UNIT- GEOMETRY**

## 3. CIRCLES

Tangent to a circle at, point of contact

- 1. (Prove) The tangent at any point of a circle is perpendicular to the radius through thepoint of contact.
- 2. (Prove) The lengths of tangents drawn from an external point to a circle are equal.

## **4. CONSTRUCTIONS**

1. Division of a line segment in a given ratio (internally).

2. Tangents to a circle from a point outside it.

## UNIT-TRIGONOMETRY

## 5. SOME APPLICATIONS OF TRIGONOMETRY

HEIGHTS AND DISTANCES-Angle of elevation, Angle of Depression.

Simple problems on heights and distances. Problems should not involve more than tworight triangles. Angles of elevation / depression should be only 30°, 45°, 60°.

## UNIT-MENSURATION

## 6. SURFACE AREAS AND VOLUMES

1. Surface areas and volumes of combinations of any two of the following: cubes, cuboids, spheres, hemispheres and right circular cylinders/cones.

2. Problems involving converting one type of metallic solid into another and other mixedproblems. (Problems with combination of not more than two different solids be taken).

### **UNIT-STATISTICS & PROBABILITY**

### 7. STATISTICS

Mean, median and mode of grouped data (bimodal situation to be avoided). Mean byDirect Method and Assumed Mean Method only

INTERNAL ASSESSMENT	MARKS	TOTAL MARKS
Periodic Tests	3	
Multiple	2	
Assessments		
Portfolio	2	10 marks for the term
Student Enrichment	3	
Activities-practical		
work		

## PRESCRIBED BOOKS

- 1. Mathematics Textbook for class IX NCERT Publication
- 2. Mathematics Textbook for class X NCERT Publication
- 3. Guidelines for Mathematics Laboratory in Schools, class IX CBSE Publication
- 4. Guidelines for Mathematics Laboratory in Schools, class X CBSE Publication
- 5. Laboratory Manual Mathematics, secondary stage NCERT Publication
- 6. Mathematics exemplar problems for class IX, NCERT publication.
- 7. Mathematics exemplar problems for class X, NCERT publication.

## **SCIENCE**

## (Subject Code - 086) Syllabus for Purpose of Examination 2021-22 CLASS – IX and X (2021-22)

# COURSE STRUCTURE

	CLASS IX		
	EVALUATION SCHEME		
	Theory		
Units	Term- I	Marks	
	Matter-Its Nature and Behaviour: Chapter - 2	09	
II	Organization in the Living World: Chapter - 5 and 6	18	
	Motion, Force and Work: Chapter - 8 and 9	13	
Units	Term - II	Marks	
	Matter-Its Nature and Behaviour: Chapter 3 and 4	18	
II	Organization in the Living World: Chapter -13	08	
	Motion, Force and Work: 10 and 11	14	
Total Theory (Term I+II)		80	
Internal Assessment: Term I		10	
Internal Assessment: Term II		10	
Grand Total		100	

TERM – I

#### **Theme: Materials**

Unit I: Matter- It's Nature and Behaviour <u>Chapter – 2 Is matter</u> <u>around us Pure</u>

**Nature of matter:** Elements, compounds and mixtures. Heterogeneous and homogenous mixtures, colloids and suspensions.

Theme: The World of the Living

Unit II: Organization in the Living World Chapter – 5 The Fundamental Unit of Life **Cell - Basic Unit of life:** Cell as a basic unit of life; prokaryotic and eukaryotic cells, multicellular organisms; cell membrane and cell wall, cell organelles and cell inclusions; chloroplast, mitochondria, vacuoles, endoplasmic reticulum, Golgi apparatus; nucleus, chromosomes - basic structure, number.

#### **Chapter – 6 Tissues**

#### Tissues, Organs, Organ System, Organism:

Structure and functions of animal and plant tissues (only four types of tissues in animals; Meristematic and Permanent tissues in plants).

Theme: Moving Things, People and IdeasUnit III: Motion, Force and Work

#### Chapter – 8 Motion

**Motion:** Distance and displacement, velocity; uniform and non-uniform motion along a straightline; acceleration, distance-time and velocity-time graphs for uniform motion and uniformly accelerated motion, derivation of equations of motion by graphical method; elementary idea of uniform circular motion.

#### **Chapter – 9 Force and Laws of Motion**

**Force and Newton's laws:** Force and Motion, Newton's Laws of Motion, Action and Reaction forces, Inertia of a body, Inertia and mass, Momentum, Force and Acceleration. Elementary idea of conservation of Momentum.

TERM - II

#### **Theme: Materials**

#### Unit I: Matter- It's Nature and Behaviour

#### <u>Chapter – 3 Atoms and Molecules</u>

**Particle nature and their basic units:** Atoms and molecules, Law of constant proportions, Atomic and molecular masses. Mole concept: Relationship of mole to mass of the particles and numbers.

#### <u>Chapter – 4 Structure of Atom</u>

**Structure of atoms:** Electrons, protons and neutrons, valency, chemical formula of commoncompounds. Isotopes and Isobars.

# Theme: Moving Things, People and IdeasUnit III: Motion, Force and Work

## Chapter – 10 Gravitation

**Gravitation:** Gravitation; Universal Law of Gravitation, Force of Gravitation of the earth (gravity), Acceleration due to Gravity; Mass and Weight; Free fall.

## **Chapter - 11 Work and Energy**

**Work, energy and power:** Work done by a Force, Energy, power; Kinetic and Potential energy;Law of conservation of energy.

## Theme: The World of the Living

## Unit II: Organization in the Living World

## Chapter – 13 Why do we fall ill

**Health and Diseases:** Health and its failure. Infectious and Non-infectious diseases, their causes and manifestation. Diseases caused by microbes (Virus, Bacteria and Protozoans) and their prevention; Principles of treatment and prevention. Pulse Polio programmes.

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# **ONLY FOR INTERNAL ASSESSMENT**

Note: Learners are assigned to read the below listed part of Unit IV. They can be encouraged to prepare a brief write up on any one concept of this Unit in their Portfolio. This may be an assessment for Internal Assessment and credit may be given (Periodic assessment/Portfolio). This portion of the Unit is not to be assessed in the year-end examination.

Theme: Natural Resources: Balance in natureUnit IV: Our Environment

## **Chapter -14 Natural Resources**

**Physical resources:** Air, Water, Soil. Air for respiration, for combustion, for moderatingtemperatures; movements of air and its role in bringing rains across India.

Air, water and soil pollution (brief introduction). Holes in ozone layer and the probable damages.

Bio-geo chemical cycles in nature: Water, Oxygen, Carbon and Nitrogen.

# PRACTICALS

## Practicals should be conducted alongside the concepts taught in theory classes.

## <u>TERM-I</u>

## LIST OF EXPERIMENTS

- 1. Preparation of:
  - a) a true solution of common salt, sugar and alum
  - b) a suspension of soil, chalk powder and fine sand in water
  - c) a colloidal solution of starch in water and egg albumin/milk in water and distinguishbetween these on the basis of
    - transparency
    - filtration criterion
    - stabilityUnit-I: (Chapter -2)
- 2. Preparation of
  - a) A mixture
  - b) A compound

using iron filings and sulphur powder and distinguishing between these on the basis of:

- i. appearance, i.e., homogeneity and heterogeneity
- ii. behaviour towards a magnet
- iii. behaviour towards carbon disulphide as a solvent
- iv. effect of heatUnit-I:(Chapter-2)
- 3. Perform the following reactions and classify them as physical or chemical changes
  - a) Iron with copper sulphate solution in water
  - b) Burning of magnesium ribbon in air
  - c) Zinc with dilute sulphuric acid
  - d) Heating of copper sulphate crystals
  - e) Sodium sulphate with barium chloride in the form of their solutions in water.

## **Unit-I:(Chapter-2)**

- 4. Preparation of stained temporary mounts of (a) onion peel, (b) human cheek cells & to recordobservations and draw their labeled diagrams. Unit-II:(Chapter-5)
- Identification of Parenchyma, Collenchyma and Sclerenchyma tissues in plants, striped, smooth and cardiac muscle fibers and nerve cells in animals, from prepared slides. Drawtheir labeled diagrams.
   Unit-II:(Chapter-6)

## <u>TERM-II</u>

# LIST OF EXPERIMENTS

Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder. **Unit-III:(Chapter–10)** 

- 1. Establishing the relation between the loss in weight of a solid when fully immersed in
  - a) Tap water
  - b) Strongly salty water with the weight of water displaced by it by taking at least twodifferent solids.Unit-III:(Chapter-10)
    - 2. Verification of the law

of conservation of

mass in a chemical

reaction.Unit-

# I:(Chapter-3)COURSE

## STRUCTURECLASS X

EVALUATION SCHEME				
	THEORY			
Units	Term - I	Marks		
I	Chemical Substances-Nature and Behaviour: Chapter 1,2 and 3	16		
11	World of Living: Chapter 6	10		
111	Natural Phenomena: Chapter 10 and 11	14		
Units	Term - II	Marks		
I	Chemical Substances-Nature and Behaviour: Chapter 4 and 5	10		
II	World of Living: Chapter 8 and 9	13		
IV	Effects of Current: Chapter 12 and 13	12		
V	Natural Resources: Chapter 15	05		
Total Theory (Term I+II)		80		
Internal Assessment: Term I		10		
Internal Assessment: Term II				
Grand Total				

#### **Theme: Materials**

# Unit I: Chemical Substances - Nature and Behaviour <u>Chapter -1 Chemical reactions and</u> equations

**Chemical reactions:** Chemical equation, Balanced chemical equation, implications of a balanced chemical equation, types of chemical reactions: combination, decomposition, displacement, double displacement, precipitation, neutralization, oxidation and reduction.

#### Chapter - 2 Acids. Bases and Salts

Acids, bases and salts: Their definitions in terms of furnishing of H<sup>+</sup> and OH<sup>-</sup> ions, General properties, examples and uses, concept of pH scale (Definition relating to logarithm not required), importance of pH in everyday life; preparation and uses of Sodium Hydroxide, Bleaching powder, Baking soda, Washing soda and Plaster of Paris.

#### <u>Chapter – 3 Metals and non – metals</u>

**Metals and nonmetals:** Properties of metals and non-metals; Reactivity series; Formation and properties of ionic compounds.

# Theme: The World of the LivingUnit II: World of Living

#### <u> Chapter – 6 Life processes</u>

**Life processes:** 'Living Being'. Basic concept of nutrition, respiration, transport and excretion in plantsand animals.

#### **Theme: How Things Work**

#### **Unit III: Natural Phenomena**

#### <u> Chapter – 10 Light – Reflection and Refraction</u>

Reflection of light by curved surfaces; Images formed by spherical mirrors, centre of curvature, principal axis, principal focus, focal length, mirror formula (Derivation not required), magnification.

Refraction; Laws of refraction, refractive index.

Refraction of light by spherical lens; Image formed by spherical lenses; Lens formula (Derivation not required); Magnification. Power of a lens.

#### Chapter - 11 Human eve and colourful world

Refraction of light through a prism, dispersion of light, scattering of light, applications in daily life.

TERM - II

#### **Theme: Materials**

Unit I: Chemical Substances - Nature and Behaviour Chapter – 4 Carbon and its

### <u>compounds</u>

**Carbon compounds:** Covalent bonding in carbon compounds. Versatile nature of carbon. Homologous series.

#### **Chapter – 5 Periodic classification of elements**

**Periodic classification of elements**: Need for classification, early attempts at classification of elements (Dobereiner's Triads, Newland's Law of Octaves, Mendeleev's Periodic Table), Modern periodic table, gradation in properties, valency, atomic number, metallic and non-metallic properties.

#### Theme: The World of the

#### LivingUnit II: World of Living

#### <u>Chapter – 8 How do organisms reproduce?</u>

**Reproduction:** Reproduction in animals and plants (asexual and sexual) reproductive health-need and methods of family planning. Safe sex vs HIV/AIDS.Child bearing and women's health.

#### **Chapter - 9 Heredity and Evolution**

**Heredity:** Heredity; Mendel's contribution- Laws for inheritance of traits: Sex determination: brief introduction;

# Theme: Natural PhenomenaUnit IV: Effects

### of Current <u>Chapter – 12</u>

#### **Electricity**

Ohm's law; Resistance, Resistivity, Factors on which the resistance of a conductor depends. Series combination of resistors, parallel combination of resistors and its applications in daily life. Heating effect of electric current and its applications in daily life. Electric power, Interrelation between P, V, I and R.

## <u>Chapter – 13 Magnetic effects of current</u>

**Magnetic effects of current:** Magnetic field, field lines, field due to a current carrying conductor, fielddue to current carrying coil or solenoid; Force on current carrying conductor, Fleming's Left Hand Rule, Electric Motor, Electromagnetic induction. Induced potential difference, Induced current. Fleming's Right Hand Rule.

Theme: Natural

**Resources Unit V:** 

**Natural Resources** 

#### <u> Chapter – 15 Our Environment</u>

**Our environment:** Eco-system, Environmental problems, Ozone depletion, waste production and their solutions. Biodegradable and non-biodegradable substances.

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### PRESCRIBED BOOKS:

- Science-Textbook for class IX-NCERT Publication
- Science-Text book for class X- NCERT Publication
- Assessment of Practical Skills in Science-Class IX CBSE Publication
- Assessment of Practical Skills in Science- Class X- CBSE Publication
- Laboratory Manual-Science-Class IX, NCERT Publication
- Laboratory Manual-Science-Class X, NCERT Publication
- Exemplar Problems Class IX NCERT Publication
- Exemplar Problems Class X NCERT Publication

# Assessment Areas (Theory) 2021-22

(Class X)

### Science (086)

#### Theory

#### **TotalMaximum Marks: 80**

Competencies	Marks
Demonstrate Knowledge and Understanding	46 %
Application of Knowledge/Concepts	22 %
Analyze, Evaluate and Create	32 %

Internal Assessment - Term I and II (10 Marks each)

Periodic Assessment - 03 marks

- Multiple Assessment 02 marks
- **Subject Enrichment** (Practical Work) 03 marks
- **Portfolio** 02 marks

# SOCIAL SCIENCE

## CLASS IX-X (2021-22) CODE NO. (087) TERM WISE CURRICULUM

# TERM- I

		M. MARKS: 40	
No. Units		No. of Periods	Marks
I	India and the Contemporary World -1	17	10
П	Contemporary India - I	14	10
	Democratic Politics - I	20	10
IV	Economics	20	10
	Total	71	40

# TERM- II

		M. MARKS: 40	
No.UnitsNo. of Periods			
I	India and the Contemporary World -1	34	10
П	Contemporary India - I	24	10
	Democratic Politics - I	18	10
IV	Economics	10	10
	Total	86	40

# **COURSE CONTENT- IX**

TERM-I			
Unit 1: India and the Contemporary World – I			
Themes	Learning Objectives		
Section 1: Events and Processes: (Theme one)	In this theme students would get familiarized with distinct ideologies, extracts of speeches, political declarations, as well as the politics of caricatures, posters and engravings. Students would learn how to interpret these kinds of historical evidences.		
<ul> <li>I. The French Revolution</li> <li>French Society during the late eighteenth century</li> <li>The Outbreak of the Revolution</li> <li>France abolishes Monarchy and Becomes a Republic</li> <li>Did Women have a Revolution?</li> <li>The Abolition of Slavery</li> <li>The Revolution and Everyday Life</li> </ul>	<ul> <li>Familiarize with the names of people involved, the different types of ideas that inspired the revolution, the wider forces that shaped it.</li> <li>Know the use of written, oral and visual material to recover the history of revolutions.</li> </ul>		
Unit 2: Contemporary India – I			
Themes	Learning Objectives		
<ul> <li>1. India</li> <li>Size and Location</li> <li>India and the World</li> <li>India's Neighbours</li> </ul>	<ul> <li>Identify the location of India in the Indian subcontinent.</li> </ul>		
<ul><li>2. Physical Features of India</li><li>Major Physiographic Divisions</li></ul>	<ul> <li>Understand the major landform features and the underlying geological structure; their association with various rocks and minerals as well as nature of soil types.</li> </ul>		
Unit 3: Democratic Politics – I			
Themes	Learning Objectives		
<ul> <li>1. What is Democracy? Why Democracy?</li> <li>What is Democracy?</li> <li>Features of Democracy</li> <li>Why Democracy?</li> </ul>	<ul> <li>Develop conceptual skills of defining democracy.</li> <li>Understand how different historical processes and forces have promoted democracy.</li> </ul>		

<ul> <li>Broader Meaning of Democracy</li> </ul>	<ul> <li>Develop a sophisticated defence ofdemocracy against common prejudices.</li> <li>Develop a historical sense of the choice andnature of democracy in India.</li> </ul>	
2. Constitutional Design	<ul> <li>Understand the process of</li> </ul>	
• Why do we need a Constitution?	Constitutionmaking.	
Making of the Indian Constitution	• Develop respect for the constitution and appreciation for Constitutional values.	
Guiding Values of the IndianConstitution	Recognize Constitution as a dynamic and	
indianconstitution	living document.	
Unit 4: Economics		
Themes	Learning Objectives	
1. The Story of Village Palampur		

T. The otory of vinage r alampu	
<ul> <li>Overview</li> <li>Organization of production</li> <li>Farming in Palampur</li> <li>Non-farm activities of Palampur</li> </ul>	• Familiarize with basic economic concepts through an imaginary story of a village.
2. People as Resource	
<ul> <li>Overview</li> <li>Economic activities by men andwomen</li> <li>Quality of Population</li> <li>Unemployment</li> </ul>	<ul> <li>Understand the demographic concepts.</li> <li>Understand how population can be an asset or a liability for a nation.</li> </ul>

# LIST OF MAP ITEMS CLASS IX (2021-22)

# TERM – I

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# SUBJECT - HISTORY

Chapter-1: The French Revolution

Outline Political Map of France

- Bordeaux
- Nantes
- Paris
- Marseilles

# **SUBJECT – GEOGRAPHY**

# Chapter -1: India-Size and Location

• India-States with Capitals, Tropic of Cancer, Standard Meridian

# **Chapter -2: Physical Features of India**

- **Mountain Ranges:** The Karakoram, The Zasker, The Shivalik, The Aravali, The Vindhya, The Satpura, Western & Eastern Ghats
- Mountain Peaks K2, Kanchan Junga, Anai Mudi
- Plateau Deccan Plateau, Chotta Nagpur Plateau, Malwa Plateau
- Coastal Plains Konkan, Malabar, Coromandel & Northern Circar

# **COURSE CONTENT - IX**

TERM II				
Unit 1: India and the Contemporary World – I				
Themes	Learning Objectives			
Section 1: Events and Processes: (Theme two and three)	In each of these two themes in this unit students would get familiarized with distinct ideologies, extracts of speeches, political declarations, as well as the politics of caricatures, posters and engravings. Students would learn how to interpret these kinds of historical evidences. • Explore the history of socialism			
<ul> <li>II. Socialism in Europe and theRussian Revolution <ul> <li>The Age of Social Change</li> <li>The Russian Revolution</li> <li>The February Revolution inPetrograd</li> <li>What Changed after October?</li> <li>The Global Influence of theRussian Revolution and the USCP</li> </ul> </li> </ul>	<ul> <li>through the study of Russian Revolution.</li> <li>Familiarize with the different types of ideas that inspired the revolution.</li> </ul>			
<ul> <li>III. Nazism and the Rise of Hitler</li> <li>Birth of the Weimar Republic</li> <li>Hitler's Rise to Power</li> <li>The Nazi Worldview</li> <li>Youth in Nazi Germany</li> <li>Ordinary People and the Crimes Against Humanity</li> </ul>	<ul> <li>Discuss the critical significance of Nazism in shaping the politics of modern world.</li> <li>Get familiarized with the speeches andwritings of Nazi Leaders.</li> </ul>			
Unit 2: Contemporary India – I				
Themes Learning Objectives				

3. Drainage	
<ul> <li>Major rivers and tributaries</li> <li>Lakes</li> <li>Role of rivers in the economy</li> <li>Pollution of rivers</li> </ul> Note: Only Map Items as given in the Map List from this chapter to be evaluated in Examination.	<ul> <li>Identify the river systems of the countryand explain the role of rivers in the human society.</li> </ul>
<ul> <li>4. Climate <ul> <li>Concept</li> <li>Climatic Controls</li> <li>Factors influencing India's climate</li> <li>The Indian Monsoon</li> <li>Distribution of Rainfall</li> <li>Monsoon as a unifying bond</li> </ul> </li> <li>5. Natural Vegetation and Wild Life <ul> <li>Factors affecting Vegetation</li> </ul> </li> </ul>	<ul> <li>Identify various factors influencing the climate and explain the climatic variation of our country and its impact on the life of people.</li> <li>Explain the importance and unifying role of monsoons.</li> </ul>
<ul> <li>Vegetation types</li> <li>Wild Life Conservation</li> </ul>	<ul> <li>Explain the nature of diverse flora andfauna as well as their distribution.</li> <li>Develop concern about the need to protect the biodiversity of our country.</li> </ul>
Unit 3: Democratic Politics – I	
Themes	Learning Objectives
<ul> <li>3. Electoral Politics <ul> <li>Why Elections?</li> <li>What is our System of Elections?</li> <li>What makes elections in Indiademocratic?</li> </ul> </li> <li>4. Working of Institutions <ul> <li>How is the major policy decision taken?</li> <li>Parliament</li> <li>Political Executive</li> <li>Judiciary</li> </ul> </li> </ul>	<ul> <li>Understand <ul> <li>representativ</li> <li>e democracy via competitive party politics.</li> </ul> </li> <li>Familiarize with Indian electoral system.</li> <li>Reason out for the adoption of presentIndian Electoral System.</li> <li>Develop an appreciation of citizen's increased participation in electoral politics.</li> <li>Recognize the significance of the Election Commission.</li> <li>Get an overview of central governmental structures.</li> <li>Identify the role of Parliament and its procedures.</li> <li>Distinguish between political and permanent executive authorities and functions.</li> </ul>

	to the legislature. • Understand the working of Indian Judiciary.
Unit 4: Economics	
Themes	Learning Objectives
<ul> <li>3. Poverty as a Challenge <ul> <li>Two typical cases of poverty</li> <li>Poverty as seen by Social Scientists</li> <li>Poverty Estimates</li> <li>Vulnerable Groups</li> <li>Interstate disparities</li> <li>Global Poverty Scenario</li> <li>Causes of Poverty</li> <li>Anti-poverty measures</li> <li>The Challenges Ahead</li> </ul> </li> </ul>	<ul> <li>Understand poverty as a challenge.</li> <li>Identify vulnerable group and interstatedisparities.</li> <li>Appreciate the initiatives of thegovernment to alleviate poverty.</li> </ul>

LIST OF MAP ITEMSCLASS IX (2021-22) TERM- II

# **SUBJECT - HISTORY**

# Chapter-2: Socialism in Europe and the Russian Revolution

Outline Political Map of World (For locating and labeling / Identification)

• Major countries of First World War

(Central Powers and Allied Powers)

Central Powers - Germany, Austria-Hungary, Turkey (Ottoman Empire)

Allied Powers - France, England, Russia, U.S.A.

# **Chapter-3: Nazism and Rise of Hitler**

Outline Political Map of World (For locating and labeling / Identification)

# • Major countries of Second World War

Axis Powers – Germany, Italy, Japan

Allied Powers – UK, France, Former USSR, USA

Territories under German expansion (Nazi Power)

Austria, Poland, Czechoslovakia (only Slovakia shown in the map), Denmark, Lithuania, France, Belgium

SUBJECT – GEOGRAPHY (Outline Political Map of India)

# **Chapter -3: Drainage**

- Rivers: (Identification only)
  - The Himalayan River Systems-The Indus, The Ganges, and The Satluj
  - *The Peninsular rivers*-The Narmada, The Tapi, The Kaveri, The Krishna, The Godavari, The Mahanadi
- Lakes: Wular, Pulicat, Sambhar, Chilika

# **Chapter - 4: Climate**

• Areas receiving rainfall less than 20 cm and over 400 cm (Identification only)

# **Chapter - 5: Natural Vegetation and Wild Life**

- Vegetation Type: Tropical Evergreen Forest, Tropical Deciduous Forest, ThornForest, Montane Forests and Mangrove- For identification only
- National Parks: Corbett, Kaziranga, Ranthambor, Shivpuri, Kanha, Simlipal & Manas
- Bird Sanctuaries: Bharatpur and Ranganthitto

• Wild Life Sanctuaries: Sariska, Mudumalai, Rajaji, Dachigam (Location andLabelling)

	Marks	Description	
Periodic Assessment	10 Marks	Pen Paper Test	5 marks
		Assessment using multiple strategies For example, Quiz, Debate, Role Play, Viva, Group Discussion, Visual Expression, Interactive Bulletin Boards, Gallery Walks, Exit Cards, Concept Maps, Peer Assessment, Self- Assessment. etc.	5 marks
Portfolio	5 Marks	<ul> <li>Classwork and Assignments</li> <li>Any exemplary work done by the stude</li> <li>Reflections, Narrations, Journals, etc.</li> <li>Achievements of the student in the su throughout the year</li> <li>Participation of the student in different activities</li> <li>like Heritage India Quiz</li> </ul>	nt ubject nt
Subject Enrichment Activity	5 Marks	Project Work	
TOTAL	20 MARK	(S	

# **INTERNAL ASSESSMENT**

# CLASS X (2021-22) TERM - I

M. 1			MARKS: 40	
No.	Units	No. of Periods	Marks	
I	India and the Contemporary World -1	12	10	
П	Contemporary India - I	16	10	
	Democratic Politics - I	14	10	
IV	Economics	20	10	
	Total	62	40	

# TERM- II

	M. MARKS: 40		40
No.	Units	No. of Periods	Marks
I	India and the Contemporary World -1	34	10
Ш	Contemporary India - I	19	10
	Democratic Politics - I	14	10
IV	Economics	22	10
	Total	89	40

# **COURSE CONTENT - X**

TERM-I			
Unit 1: India and the Contemporary World – II			
Themes	Learning Objectives		
Section 1: Events and Processes			
<ol> <li>The Rise of Nationalism in Europe         <ul> <li>The French Revolution and the Idea of the Nation</li> <li>The Making of Nationalism in Europe</li> <li>The Age of Revolutions: 1830-1848</li> <li>The Making of Germany and Italy</li> <li>Visualizing the Nation</li> <li>Nationalism and Imperialism</li> </ul> </li> </ol>	<ul> <li>Enable the learners to identify and comprehend the forms in which nationalism developed along with the formation of nation states in Europe in the post-1830 period.</li> <li>Establish the relationship and bring out the difference between European nationalism and anti-colonial nationalisms.</li> <li>Understand the way the idea of nationalism emerged and led to the formation of nation states in Europe andelsewhere.</li> </ul>		

Unit 2: Contemporary India – II			
Themes	Learning Objectives		
1. Resources and Development	<ul> <li>Understand the value of resources</li> </ul>		
<ul> <li>Types of Resources</li> </ul>	and the need for their judicious		
<ul> <li>Development of Resources</li> </ul>	utilization and conservation.		
Resource Planning in India			
Land Resources			
Land Utilization			
<ul> <li>Land Use Pattern in India</li> </ul>			
Land Degradation and Conservation			
Measures			
Soil as a Resource			
Classification of Soils			
Soil Erosion and Soil Conservation			
3. Water Resources			
• Water Scarcity and The Need for			
WaterConservation and Management			
Multi-Purpose River Projects and	• Comprehend the importance of water		
Integrated Water Resources	as a resource as well as develop		
Management	awareness towards its judicious use		
Rainwater Harvesting	and conservation.		
Note: The theoretical aspect of chapter 'Water Resources' to be assessed in the Periodic Tests only and will not be evaluated in Board	• Identify different Dams in the country.		
Examination. However, the map items of this chapter as listed will be			
evaluated in Board Examination.			
1 Agriculture			
• Types of farming			
Cropping Pattorn	• Explain the importance of agriculture		
Major Crops	innational economy.		
Major Crops     Tochnological and Institutional Poforms	<ul> <li>Identify various types of farming and</li> </ul>		
Internological and institutional Reforms	discuss the various farming methods;		
Impact of Globalization on Agriculture	describe the spatial distribution of		
	major crops as well as understand the		
	relationship between rainfall regimes		
	and cropping pattern.		
	Explain various government policies		
	for institutional as well as		
	independence		
	independence.		

Unit 3: Democratic Politics – II		
Themes	Learning Objectives	
<ol> <li>Power Sharing         <ul> <li>Case Studies of Belgium and Sri Lanka</li> <li>Why power sharing is desirable?</li> <li>Forms of Power Sharing</li> </ul> </li> <li>Federalism         <ul> <li>What is Federalism?</li> <li>What make India a Federal Country?</li> <li>How is Federalism practiced?</li> <li>Decentralization in India</li> </ul> </li> </ol>	<ul> <li>Familiarize with the centrality of powersharing in a democracy.</li> <li>Understand the working of spatial andsocial power sharing mechanisms.</li> <li>Analyse federal provisions and institutions.</li> <li>Explain decentralization in rural and urban areas.</li> </ul>	
Unit 4: Economics		
Themes	Learning Objectives	
<ol> <li>Development         <ul> <li>What Development Promises - Differentpeople different goals</li> <li>Income and other goals</li> <li>National Development</li> <li>How to compare different countries orstates?</li> <li>Income and other criteria</li> <li>Public Facilities</li> <li>Sustainability of development</li> </ul> </li> <li>2. Sectors of the Indian Economy</li> </ol>	<ul> <li>Familiarize with concepts of macroeconomics.</li> <li>Understand the rationale for overall human development in our country, which includes the rise of income, improvements in health and education rather than income.</li> <li>Understand the importance of quality of life and sustainable development.</li> <li>Identify major employment generating</li> </ul>	
<ul> <li>Sectors of Economic Activities</li> <li>Comparing the three sectors</li> <li>Primary, Secondary and TertiarySectors in India</li> <li>Division of sectors as organized and unorganized</li> <li>Sectors in terms of ownership: Public and Private Sectors</li> </ul>	<ul> <li>Reason out the government investment in different sectors of economy.</li> </ul>	

# **COURSE CONTENT – X**

TERM - II			
Unit 1: India and the Contemporary World – II			
Themes	Learning Objectives		
Section 1: Events and Processes			
<ul> <li>2. Nationalism in India</li> <li>The First World War, Khilafat and Non -Cooperation</li> <li>Differing Strands within the Movement</li> <li>Towards Civil Disobedience</li> <li>The Sense of Collective Belonging</li> </ul>	<ul> <li>Recognize the characteristics of Indian nationalism through a case study of Non-Cooperation and CivilDisobedience Movement.</li> <li>Analyze the nature of the diverse social movements of the time.</li> <li>Familiarize with the writings and ideals of different political groups and individuals.</li> <li>Appreciate the ideas promoting Pan Indian belongingness.</li> </ul>		
Section 2: Livelihoods, Economies and Societies			
Note: Any one theme of the following. The theme selected should be assessed in the periodic test only and will not be evaluated in the board examination:			
3. The Making of a Global World	• Show that globalization has a long history and point to the shifts within		
<ul> <li>The Pre-modern world</li> <li>The Nineteenth Century (1815-1914)</li> <li>The Inter war Economy</li> <li>Rebuilding a World Economy: The Post-War Era</li> </ul> 4. The Age of Industrialization	<ul> <li>the process.</li> <li>Analyze the implication of globalization for local economies.</li> <li>Discuss how globalization is experienced differently by different social groups.</li> </ul>		
<ul> <li>Before the Industrial Revolution</li> <li>Hand Labour and Steam Power</li> <li>Industrialization in the colonies</li> <li>Factories Come Up</li> <li>The Peculiarities of Industrial Growth</li> <li>Market for Goods</li> </ul>	<ul> <li>Familiarize with the Pro- to-Industrial phase and Early - factory system.</li> <li>Familiarize with the process of industrialization and its impact on labourclass.</li> <li>Enable them to understand industrialization in the colonies with reference to Textile industries.</li> </ul>		

Unit 2: Contemporary India – II			
Themes	Learning Objectives		
<ul> <li>5. Minerals and Energy Resources <ul> <li>What is a mineral?</li> <li>Mode of occurrence of Minerals</li> <li>Ferrous and Non-Ferrous Minerals</li> <li>Non-Metallic Minerals</li> <li>Rock Minerals</li> <li>Conservation of Minerals</li> <li>Energy Resources <ul> <li>Conventional and Non-Conventional</li> </ul> </li> <li>Conservation of Energy Resources</li> </ul> </li> <li>Note: The theoretical aspect of chapter 'Minerals and Energy Resources' to be assessed in the Periodic Tests only and will not be evaluated in Board Examination. However, the map items of this chapter as given in the Map List will be evaluated in Board Examination</li> </ul>	<ul> <li>Identify different types of minerals and energy resources and places of their availability</li> <li>Feel the need for their judicious utilization</li> </ul>		
<ul> <li>6. Manufacturing Industries <ul> <li>Importance of manufacturing</li> <li>Contribution of Industry to National Economy</li> <li>Industrial Location</li> <li>Classification of Industries</li> <li>Spatial distribution</li> <li>Industrial pollution and environmental degradation</li> <li>Control of Environmental Degradation</li> </ul> </li> <li>7. Life Lines of National Economy <ul> <li>Transport - Roadways, Railways, Pipelines, Waterways, Airways</li> <li>Communication</li> <li>International Trade</li> <li>Tourism as a Trade</li> </ul> </li> </ul>	<ul> <li>Bring out the importance of industries in the national economy as well as understand the regional disparities which resulted due to concentration of industries in some areas.</li> <li>Discuss the need for a planned industrial development and debate over the role of government towards sustainable development.</li> <li>Explain the importance of transport and communication in the evershrinking world.</li> <li>Understand the role of trade and tourism in the economic development of a country.</li> </ul>		
Unit 3: Democratic Politics – II			
Themes	Learning Objectives		
6. Political Parties	• Analyze party systems in democracies.		

<ul> <li>Why do we need Political Parties?</li> <li>How many Parties should we have?</li> <li>National Political Parties</li> <li>State Parties</li> <li>Challenges to Political Parties</li> <li>How can Parties be reformed?</li> </ul> 7. Outcomes of Democracy	<ul> <li>Introduction to major political parties, challenges faced by them and reforms inthe country.</li> <li>Evaluate the functioning of democracies in comparison to</li> </ul>
<ul> <li>How do we assess democracy's outcomes?</li> <li>Accountable, responsive and legitimate government</li> <li>Economic growth and development</li> <li>Reduction of inequality and poverty</li> <li>Accommodation of social diversity</li> <li>Dignity and freedom of the citizens</li> </ul>	<ul> <li>democracies in comparison to alternative forms of governments.</li> <li>Understand the causes for continuation of democracy in India.</li> <li>Distinguish between sources of strengths and weaknesses of Indian democracy.</li> </ul>
Unit 4: Economics	I
Themes	Learning Objectives
<ul> <li>Money as a medium of exchange</li> <li>Modern forms of money</li> <li>Loan activities of Banks</li> </ul>	<ul> <li>Understand money as an economic concept.</li> <li>Understand the role of financial</li> </ul>
<ul> <li>Two different credit situations</li> <li>Terms of credit</li> <li>Formal sector credit in India</li> <li>Self Help Groups for the Poor</li> </ul>	institutions from the point of view of day-to- day life.

# **INTERNAL ASSESSMENT**

	Marks	Description	
Periodic Assessment	10 Marks	Pen Paper TestAssessmentusingmultiple strategiesForexample,Quiz,Debate, Role Play, Viva,Group Discussion, VisualExpression,InteractiveBulletin Boards,GalleryWalks,ExitConceptMaps,Assessment,Self-	5 marks
Portfolio	5 Marks	<ul> <li>Classwork and Assignments</li> <li>Any exemplary work done by the student</li> <li>Reflections, Narrations, Journals, etc.</li> <li>Achievements of the student in the subject throughout the year</li> <li>Participation of the student in differentactivities like Heritage India Quiz</li> </ul>	
Subject EnrichmentActivity	5 Marks	Project Work	
TOTAL	20 MARKS		

# **PRESCRIBED BOOKS:**

- 1. India and the Contemporary World-II (History) Published by NCERT
- 2. Contemporary India II (Geography) Published by NCERT
- 3. Democratic Politics II (Political Science) Published by NCERT
- 4. Understanding Economic Development Published by NCERT
- 5. Together Towards a Safer India Part III, a textbook on Disaster Management -Published by CBSE
- 6. Learning Outcomes at the Secondary Stage Published by NCERT

# MATHEMATICS (XI-XII)

(Code No. 041)

Session - 2021-22
## CLASS XI (2021-22)

#### TERM - I

#### One Paper

#### **90 Minutes**

#### Max Marks: 40

No.	Units	Marks
١.	Sets and Functions	11
١١.	Algebra	13
III.	Coordinate Geometry	6
IV.	Calculus	4
٧.	Statistics and Probability	6
	Total	40
	Internal Assessment	10
	Total	50

#### **Unit-I: Sets and Functions**

#### 1. Sets

Sets and their representations. Empty set. Finite and Infinite sets. Equal sets. Subsets. Subsets of a set of real numbers especially intervals (with notations). Power set. Universal set. Venn diagrams. Union and Intersection of sets.

#### 2. Relations & Functions

Ordered pairs. Cartesian product of sets. Number of elements in the Cartesian product of two finite sets. Cartesian product of the set of reals with itself (R x R only).Definition of relation, pictorial diagrams, domain, co-domain and range of a relation. Function as a special type of relation. Pictorial representation of a function, domain, co-domain and range of a function. Real valued functions, domain and range of these functions, constant, identity, polynomial, rational, modulus, signum, exponential, logarithmic and greatestinteger functions, with their graphs.

#### **Unit-II: Algebra**

 Complex Numbers and Quadratic EquationsNeed for complex numbers, especially√−1, to be motivated by inability to solve some of the quardratic equations. Algebraic properties of complex numbers. Argand plane. Statement of Fundamental Theorem of Algebra, solution of quadratic equations (with real coefficients) in the complex number system.

#### 2. Sequence and Series

Sequence and Series. Arithmetic Progression (A. P.). Arithmetic Mean (A.M.) Geometric Progression (G.P.), general term of a G.P., sum of *n* terms of a G.P., infinite G.P. and its sum, geometric mean (G.M.), relation between A.M. and G.M.

#### **Unit-III: Coordinate Geometry**

1. Straight Lines

Brief recall of two dimensional geometry from earlier classes. Slope of a line and angle between two lines. Various forms of equations of a line: parallel to axis, point -slope form, slope-intercept form, two-point form, intercept form and normal form. General equation of a line. Distance of a point from a line.

## **Unit-IV: Calculus**

#### 1. Limits

Intuitive idea of limit. Limits of polynomials and rational functions trigonometric, exponential and logarithmic functions

## **Unit-V: Statistics and Probability**

#### 1. Statistics

Measures of Dispersion: Range, mean deviation, variance and standard deviation of ungrouped/grouped data.

NTERNAL ASSESSMENT	10 MARKS
Periodic Test	5 Marks
Mathematics Activities: Activity file record +Term end assessment o	f one activity & Viva 5 Marks

## TERM - II

#### One Paper

#### Max Marks: 40

No.	Units	Marks
١.	Sets and Functions (Cont.)	8
١١.	Algebra (Cont.)	11
111.	Coordinate Geometry (Cont.)	9
IV.	Calculus (Cont.)	6
٧.	Statistics and Probability (Cont.)	6
	Total	40
	Internal Assessment	10

Total

50

### **Unit-I: Sets and Functions**

#### 1. Trigonometric Functions

Positive and negative angles. Measuring angles in radians and in degrees and conversion from one measure to another. Definition of trigonometric functions with the help of unit circle. Truth of the identity  $\sin 2x + \cos 2x = 1$ , for all x. Signs of trigonometric functions. Domain and range of trigonometric functions and their graphs. Expressing  $\sin (x \pm y)$  and  $\cos (x \pm y)$  in terms of  $\sin x$ ,  $\sin y$ ,  $\cos x \& \cos y$  and their simple applications.

## **Unit-II: Algebra**

#### 1. Linear Inequalities

Linear inequalities. Algebraic solutions of linear inequalities in one variable and their representation on the number line. Graphical solution of linear inequalities in two variables. Graphical method of finding a solution of system of linear inequalities in two variables.

## 2. Permutations and Combinations

Fundamental principle of counting. Factorial *n*. (n!) Permutations and combinations, formulafor <sup>n</sup>P<sub>r</sub> and <sup>n</sup>C<sub>r</sub>, simple applications.

## **Unit-III: Coordinate Geometry**

#### 1. Conic Sections

Sections of a cone: circles, ellipse, parabola, hyperbola. Standard equations and simple properties of parabola, ellipse and hyperbola. Standard equation of a circle.

## 2. Introduction to Three-dimensional Geometry

Coordinate axes and coordinate planes in three dimensions. Coordinates of a point. Distance between twopoints and section formula.

## **Unit-IV: Calculus**

#### 1. Derivatives

Derivative introduced as rate of change both as that of distance function and geometrically. Definition of Derivative, relate it to scope of tangent of the curve, derivative of sum, difference, product and quotient offunctions. Derivatives of polynomial and trigonometric functions.

### **Unit-V: Statistics and Probability**

#### 1. Probability

Random experiments; outcomes, sample spaces (set representation). Events; occurrence of events, 'not', 'and' and 'or' events, exhaustive events, mutually exclusive events, Probability of an event, probability of 'not', 'and' and 'or' events.

INTERNAL ASSESSMENT	10 MARKS
Periodic Test	5 Marks
Mathematics Activities: Activity file record +Term end assessment of	of one activity & Viva
	5 Marks

CLASS-XII MATHE MATICS (2021-22) TERM-I

#### 90 minutes

Max Marks: 40

No.	Units	Marks
١.	Relations and Functions	08
١١.	Algebra	10
.	Calculus	17
۷.	Linear Programming	05
	Total	40
	Internal Assessment	10
	Total	50

## **Unit-I: Relations and Functions**

### 1. Relations and Functions

Types of relations: reflexive, symmetric, transitive and equivalence relations. One to one

and ontofunctions.

### 2. Inverse Trigonometric

Functions Definition, range,

domain, principal value branch. **Unit-II: Algebra** 

1. Matrices

Concept, notation, order, equality, types of matrices, zero and identity matrix, transpose of a matrix, symmetric and skew symmetric matrices. Operation on matrices: Addition and multiplication and multiplication with a scalar. Simple properties of addition, multiplication and scalar multiplication. Non- commutativity of multiplication of matrices, Invertible matrices; (Here all matrices will have real entries).

## 2. Determinants

Determinant of a square matrix (up to 3 x 3 matrices), minors, co-factors and applications of determinants in finding the area of a triangle. Adjoint and inverse of a square matrix. Solving system of linear equations in two or three variables (having unique solution) using inverse of a matrix.

## **Unit-III: Calculus**

1. Continuity and Differentiability

Continuity and differentiability, derivative of composite functions, chain rule, derivative of inverse trigonometric functions, derivative of implicit functions. Concept of exponential and logarithmic functions.

Derivatives of logarithmic and exponential functions. Logarithmic differentiation, derivative of functionsexpressed in parametric forms. Second order derivatives.

## 2. Applications of Derivatives

Applications of derivatives: increasing/decreasing functions, tangents and normals, maxima and minima (first derivative test motivated geometrically and second derivative test given as a provable tool). Simple problems (that illustrate basic principles and understanding of the subject as well as real-life situations).

## **Unit-V: Linear Programming**

#### 1. Linear Programming

Introduction, related terminology such as constraints, objective function, optimization, different types of linear programming (L.P.) problems. Graphical method of solution for problems in two variables, feasible and infeasible regions (bounded), feasible and infeasible solutions, optimal feasible solutions (up to three non-trivial constraints).

INTERNAL ASSESSMENT	10 MARKS
Periodic Test	5 Marks
Mathematics Activities: Activity file record +Term end asses	sment of one activity & Viva
	5 Marks

## TERM - II

One Paper

#### Max Marks: 40

No.	Units	Marks
III.	Calculus	18
IV.	Vectors and Three-Dimensional Geometry	14
VI.	Probability	8
	Total	40
	Internal Assessment	10

### Total

50

## **Unit-III: Calculus**

#### Integrals

Integration as inverse process of differentiation. Integration of a variety of functions by substitution, bypartial fractions and by parts, Evaluation of simple integrals of the following types and problems basedon them.

## 1. Applications of the Integrals

Applications in finding the area under simple curves, especially lines, parabolas; area of circles /ellipses(in standard form only) (the region should be clearly identifiable).

## 2. Differential Equations

Definition, order and degree, general and particular solutions of a differential equation. Solution of differential equations by method of separation of variables, solutions of homogeneous differential

equations of first order and first degree of the type: dy = f(y/x).

## **Unit-IV: Vectors and Three-Dimensional Geometry**

#### 1. Vectors

Vectors and scalars, magnitude and direction of a vector. Direction cosines and direction ratios of a vector. Types of vectors (equal, unit, zero, parallel and collinear vectors), position vector of a point, negative of a vector, components of a vector, addition of vectors, multiplication of a vector by a scalar, position vector of a point dividing a line segment in a given ratio. Definition, Geometrical Interpretation, properties and application of scalar (dot) product of vectors, vector (cross) product of vectors.

### 2. Three - dimensional Geometry

Direction cosines and direction ratios of a line joining two points. Cartesian equation and vector equation of a line, coplanar and skew lines, shortest distance between two lines. Cartesian and vector equation of a plane. Distance of a point from a plane.

### **Unit-VI: Probability**

#### 1. Probability

Conditional probability, multiplication theorem on probability, independent events, total probability, Bayes' theorem, Random variable and its probability distribution.

INTERNAL ASSESSMENT	10 MARKS
Periodic Test	5 Marks
Mathematics Activities: Activity file record +Term end assessment of one	e activity & Viva
	5 Marks

#### Physics Class XI-XII (Code N. 042) (2020-21)

Physics Theory and Practical course will be done in two terms. Each term will be assessed individually.

## Syllabus assigned for Term I (Theory)

### **Course structure**

Time: 90 Minutes

Max Marks: 35

		No. of Periods	Marks
Unit-l	Electrostatics		
	Chapter-1: Electric Charges and Fields		
	Chapter-2: Electrostatic Potential and Capacitance	23	17
Unit-ll	Current Electricity		
	Chapter-3: Current Electricity	15	
Unit-III	Magnetic Effects of Current and Magnetism		
	Chapter-4: Moving Charges and Magnetism		
	Chapter-5: Magnetism and Matter	16	
Unit-IV	Electromagnetic Induction and Alternating Currents		18
	Chapter-6: Electromagnetic Induction	19	
	Chapter 7: Alternating currents		
	Total	73	35

## Unit I: Electrostatics

23 Periods

Chapter-1: Electric Charges and Fields

Electric Charges; Conservation of charge, Coulomb's law-force between twopoint charges, forces between multiple charges; superposition principle and continuous charge distribution. Electric field, electric field due to a point charge, electric field lines, electric dipole, electric fielddue to a dipole, torque on a dipole in uniform electric field. Electric flux, statement of Gauss's theorem and its applications to find field due to infinitely long straight wire, uniformly charged infinite plane sheet

#### **Chapter-2: Electrostatic Potential and Capacitance**

Electric potential, potential difference, electric potential due to a point charge, a dipole and system of charges; equipotential surfaces, electrical potential energy of a system of two point charges and of electric dipole in an electrostatic field. Conductors and insulators, free charges and bound charges inside a conductor. Dielectrics and electric polarisation, capacitors and capacitance, combination of capacitors in series and in parallel, capacitance of a parallel plate capacitor with and without dielectric medium between the plates, energy stored in a capacitor.

#### Unit II: Current Electricity

#### **15 Periods**

#### Chapter-3: Current Electricity

Electric current, flow of electric charges in a metallic conductor, drift velocity, mobility and their relation with electric current; Ohm's law, electrical resistance, V-I characteristics (linear and non-linear), electrical energy and power, electrical resistivity and conductivity; temperature dependence of resistance. Internal resistance of a cell, potential difference and emf of a cell, combination of cells in series and in parallel, Kirchhoff's laws and simple applications, Wheatstone bridge, metre bridge(**qualitative ideas only**). Potentiometer - principle and its applications to measure potential difference and for comparing EMF of two cells; measurementof internal resistance of a cell (**qualitative ideas only**)

#### Unit III: Magnetic Effects of Current and Magnetism

#### 16 Periods Chapter-4: Moving Charges and Magnetism

Concept of magnetic field, Oersted's experiment. Biot - Savart law and its application to current carrying circular loop. Ampere's law and its applications to infinitely long straight wire. Straight and toroidal solenoids (only qualitative treatment), force on a moving charge in uniform magnetic and electric fields. Force on a current-carrying conductor in a uniform magnetic field, force between two parallel current-carrying conductors-definition of ampere, torque

experienced by a current loop in uniform magnetic field; moving coil galvanometer-its current sensitivity and conversion to ammeter and voltmeter.

#### **Chapter-5: Magnetism and Matter**

Current loop as a magnetic dipole and its magnetic dipole moment, magnetic dipole moment of a revolving electron, bar magnet as an equivalent solenoid, magnetic field lines; earth's magnetic field and magnetic elements.

#### Unit IV: Electromagnetic Induction and Alternating

#### **Currents 19 PeriodsChapter-6: Electromagnetic**

#### Induction

Electromagnetic induction; Faraday's laws, induced EMF and current; Lenz's Law, Eddy currents. Self and mutual induction.

## **Chapter-7: Alternating Current**

Alternating currents, peak and RMS value of alternating current/voltage; reactance and impedance; LC oscillations (qualitative treatment only), LCR series circuit, resonance; power inAC circuits. AC generator and transformer.

## Syllabus assigned for Term II (Theory)

#### **Course structure**

Time: 2 Hours

Max Marks: 35

		No of Periods	Marks
Unit-V	Electromagnetic Waves		
	Chapter-8:Electromagnetic Waves	02	
Unit-VI	Optics		
	Chapter-9: Ray Optics and Optical Instruments		17
	Chapter-10: Wave Optics	18	
Unit-VII	Dual Nature of Radiation and Matter		
	Chapter-11: Dual Nature of Radiation and Matter	07	
Unit-VIII	Atoms and Nuclei		11
	Chapter-12: Atoms	11	
	Chapter-13: Nuclei		
Unit-IX	Electronic Devices		1

Total	45	35	
Chapter-14: Semiconductor -Electronics: Materials, Devices and Simple Circuits	07	7	

## Unit V: Electromagnetic waves Periods

#### Chapter-8: Electromagnetic Waves

Electromagnetic waves, their characteristics, their Transverse nature (qualitative ideas only).

Electromagnetic spectrum (radio waves, microwaves, infrared, visible, ultraviolet, X-rays, gammarays) including elementary facts about their uses.

#### Unit VI: Optics

#### **18Periods**

2

#### Chapter–9: Ray Optics and Optical Instruments

**Ray Optics:** Refraction of light, total internal reflection and its applications, optical fibres, refraction at spherical surfaces, lenses, thin lens formula, lensmaker's formula, magnification, power of a lens, combination of thin lenses in contact, refraction of light through a prism.

Optical instruments: Microscopes and astronomical telescopes (reflecting and refracting) and their magnifying powers.

#### **Chapter-10: Wave Optics**

**Wave optics:** Wave front and Huygen's principle, reflection and refraction of plane wave at a plane surface using wave fronts. Proof of laws of reflection and refraction using Huygen's principle. Interference, Young's double slit experiment and expression for fringe width, coherent

sources and sustained interference of light, diffraction due to a single slit, width of centralmaximum

### Unit VII: Dual Nature of Radiation and Matter

### 7 PeriodsChapter-11: Dual Nature of Radiation and

#### **Matter**

Dual nature of radiation, Photoelectric effect, Hertz and Lenard's observations; Einstein's photoelectric equation-particle nature of light.

Experimental study of photoelectric effect

Matter waves-wave nature of particles, de-Broglie relation

## Unit VIII: Atoms and Nuclei

### **11Periods**

#### Chapter-12: Atoms

Alpha-particle scattering experiment; Rutherford's model of atom; Bohr model, energy levels, hydrogen spectrum.

**Chapter–13: Nuclei** Composition and size of nucleus Nuclear force Mass-energy relation, massdefect, nuclear fission, nuclear fusion.

#### Unit IX: Electronic Devices

## 7 Periods

**Chapter–14: Semiconductor Electronics: Materials, Devices and Simple Circuits** Energy bands in conductors, semiconductors and insulators (qualitative ideas only) Semiconductor diode - I-V characteristics in forward and reverse bias, diode as a rectifier; Special purpose p-n junction diodes: LED, photodiode, solar cell.

## **CHEMISTRY (043)**

S	UNIT	Periods	Marks		
1	Some Basic Concepts of Chemistry	10	11		
2	Structure of Atom	12			
3	Classification of Elements and Periodicity in Properties	6	4		
4	Chemical Bonding and Molecular Structure	14	6		
5	Redox Reactions	4			
6	Hydrogen	4	5		
7	Organic Chemistry: Some basic Principles and Techniques	10	9		
	TOTAL	60	35		

#### SYLLABUS FOR SESSION 2021-22 CLASS XI Term-I

**Some Basic Concepts of Chemistry:** General Introduction: Importance and scope of Chemistry. Atomic and molecular masses, mole concept and molar mass, percentage composition, empirical and molecular formula, chemical reactions, stoichiometry and calculations based on stoichiometry.

**Structure of Atom:** Bohr's model and its limitations, concept of shells and subshells, dual nature of matter and light, de Broglie's relationship, Heisenberg uncertainty principle, concept of orbitals, quantum numbers, shapes of s, p and d orbitals, rules for filling

electrons in orbitals - Aufbau principle, Pauli's exclusion principle and Hund's rule, electronic configuration of atoms, stability of half-filled and completely filled orbitals

**Classification of Elements and Periodicity in Properties:** Modern periodic law and the present form of periodic table, periodic trends in properties of elements -atomic radii, ionic radii, inert gas radii, Ionization enthalpy, electron gain enthalpy, electronegativity, valency. Nomenclature of elements with atomic number greater than 100.

## **Chemical Bonding and Molecular Structure:**

Valence electrons, ionic bond, covalent bond, bond parameters, Lewis structure, polar character of covalent bond, covalent character of ionic bond, valence bond theory, resonance, geometry of covalent molecules, VSEPR theory, concept of hybridization, involving s, p and d orbitals and shapesof some simple molecules, molecular orbital theory of homonuclear diatomic molecules(qualitativeidea only), Hydrogen bond.

## **Redox Reactions:**

Concept of oxidation and reduction, redox reactions, oxidation number, balancing redox reactions, in terms of loss and gain of electrons and change in oxidation number.

**Hydrogen:** Position of hydrogen in periodic table, occurrence, isotopes, hydrides-ionic covalent and interstitial; physical and chemical properties of water, heavy water, hydrogen as a fuel

**Organic Chemistry: Some basic Principles and Techniques:** General introduction, classification and IUPAC nomenclature of organic compounds. Electronic displacements in a covalent bond: inductive effect, electromeric effect, resonance and hyper conjugation. Homolytic and heterolytic fission of a covalent bond: free radicals, carbocations, carbanions, electrophiles and nucleophiles, types of organic reactions.

## SYLLABUS FOR SESSION 2021-22 CLASS XI Term-II

S.No	UNIT	Periods	Marks
1	States of Matter: Gases and Liquids	9	15
2	Chemical Thermodynamics	14	
3	Equilibrium	12	
4	s -Block Elements	5	11
5	Some p -Block Elements	9	
6	Hydrocarbons	10	9
	TOTAL	59	35

**States of Matter: Gases and Liquids:** Three states of matter, intermolecular interactions, types of bonding, melting and boiling points, role of gas laws in elucidating the concept of the molecule, Boyle's law, Charles law, Gay Lussac's law, Avogadro's law, ideal behaviour, empirical derivation of gas equation, Avogadro's number, ideal gas equation and deviation from ideal behaviour.

**Chemical Thermodynamics:** Concepts of System and types of systems, surroundings, work, heat, energy, extensive and intensive properties, state functions.

First law of thermodynamics -internal energy and enthalpy, measurement of DU and DH, Hess's law of constant heat summation, enthalpy of bond dissociation, combustion, formation, atomization, sublimation, phase transition, ionization, solution and dilution. Second law of Thermodynamics (brief introduction)

Introduction of entropy as a state function, Gibb's energy change for spontaneous and non- spontaneous processes.

Third law of thermodynamics (brief introduction).

**Equilibrium:** Equilibrium in physical and chemical processes, dynamic nature of equilibrium, law of mass action, equilibrium constant, factors affecting equilibrium - Le Chatelier's principle, ionic equilibrium-ionization of acids and bases, strong and weak electrolytes, degree of ionization, ionization of poly basic acids, acid strength, concept of pH, buffer solution, solubility product, common ion effect (with illustrative examples).

**s** -Block Elements: Group 1 and Group 2 Elements -General introduction, electronic configuration, occurrence, anomalous properties of the first element of each group, diagonal relationship, trends in the variation of properties (such as ionization enthalpy, atomic and ionic radii), trends in chemical reactivity with oxygen, water, hydrogen and halogens, uses.

Some p -Block Elements: General Introduction to p -Block Elements

Group 13 Elements: General introduction, electronic configuration, occurrence, variation of properties, oxidation states, trends in chemical reactivity, anomalous properties of first element of the group, Boron - physical and chemical properties.

Group 14 Elements: General introduction, electronic configuration, occurrence, variation of properties, oxidation states, trends in chemical reactivity, anomalous behaviour of first elements. Carbon-catenation, allotropic forms, physical and chemical properties.

Hydrocarbons: Classification of Hydrocarbons Aliphatic Hydrocarbons:

Alkanes - Nomenclature, isomerism, conformation (ethane only), physical properties, chemical reactions.

Alkenes - Nomenclature, structure of double bond (ethene), geometrical isomerism, physical properties, methods of preparation, chemical reactions: addition of hydrogen, halogen, water, hydrogen halides (Markovnikov's addition and peroxide effect), ozonolysis, oxidation, mechanism of electrophilic addition.

Alkynes - Nomenclature, structure of triple bond (ethyne), physical properties, methods of preparation, chemical reactions: acidic character of alkynes, addition reaction of - hydrogen, halogens, hydrogen halides and water.

**Aromatic Hydrocarbons:** Introduction, IUPAC nomenclature, benzene: resonance, aromaticity, chemical properties: mechanism of electrophilic substitution. Nitration, sulphonation, halogenation, Friedel Craft's alkylation and acylation, directive influence of functional group in monosubstituted benzene. Carcinogenicity and toxicity.

## BIOLOGY CLASS – XI and XII (2021-22) BIOLOGY (Code No. 044) COURSE STRUCTURE CLASS XI

	EVALUATION SCHEME				
Theory					
Units	Term - I	Marks			
	Diversity of Living Organisms: Chapter - 1, 2, 3 and 4	15			
II	Structural Organization in Plants and Animals: Chapter - 5 and 7	08			
Ш	Cell: Structure and Function: Chapter - 8 and 9	12			
Units	Term - II	Marks			
Ш	Cell: Structure and Function: Chapter - 10	05			
IV	Plant Physiology: Chapter - 13,14 and 15	12			
v	Human Physiology: Chapter -17, 18, 19, 20, 21 and 22	18			
Total Theory (Term - I and Term - II)					
Practicals Term - I					
Practicals Term - II		15			
Total		100			

### <u>THEORY</u>

Term – I

#### Chapter-1: The Living World

What is living? Biodiversity; Need for classification; three domains of life; concept of speciesand taxonomical hierarchy; binomial nomenclature.

## **Chapter-2: Biological Classification**

Five kingdom classification; Salient features and classification of Monera, Protista and Fungiinto major groups; Lichens, Viruses and Viroids.

## **Chapter-3: Plant Kingdom**

Salient features and classification of plants into major groups - Algae, Bryophyta, Pteridophytaand Gymnospermae. (salient and distinguishing features and a few examples of each category).

### **Chapter-4: Animal Kingdom**

Salient features and classification of animals, non-chordates up to phyla level and chordates upto class level (salient features and distinguishing features of a few examples of each category). (No live animals or specimen should be displayed.)

## **Unit-II Structural Organization in Animals and Plants**

## **Chapter-5: Morphology of Flowering Plants**

Morphology of inflorescence and flower, Description of 01 family: Solanaceae or Liliaceae (tobe dealt along with the relevant experiments of the Practical Syllabus).

## **Chapter-7: Structural Organization in Animals**

Animal tissues.

## **Unit-III Cell: Structure and Function**

#### Chapter-8: Cell-The Unit of Life

Cell theory and cell as the basic unit of life, structure of prokaryotic and eukaryotic cells; Plant cell and animal cell; cell envelope; cell membrane, cell wall; cell organelles - structure and function; endomembrane system, endoplasmic reticulum, golgi bodies, lysosomes, vacuoles, mitochondria, ribosomes, plastids, microbodies; cytoskeleton, cilia, flagella, centrioles (ultrastructure and function); nucleus.

### **Chapter-9: Biomolecules**

Chemical constituents of living cells: biomolecules, structure and function of proteins, rbohydrates, lipids, nucleic acids; Enzymes- types, properties, enzyme action.

## **Unit-III Cell: Structure and Function**

#### Chapter-10: Cell Cycle and Cell Division

Cell cycle, mitosis, meiosis and their significance

#### **Unit-IV Plant Physiology**

#### **Chapter-13: Photosynthesis in Higher Plants**

Photosynthesis as a means of autotrophic nutrition; site of photosynthesis, pigments involved in photosynthesis (elementary idea); photochemical and biosynthetic phases of photosynthesis; cyclic and non-cyclic photophosphorylation; chemiosmotic hypothesis; photorespiration; C3 and C4 pathways; factors affecting photosynthesis.

#### **Chapter-14: Respiration in Plants**

Exchange of gases; cellular respiration - glycolysis, fermentation (anaerobic), TCA cycle and electron transport system (aerobic); energy relations - number of ATP molecules generated; amphibolic pathways; respiratory quotient.

#### **Chapter-15: Plant - Growth and Development**

Growth regulators - auxin, gibberellin, cytokinin, ethylene, ABA.

### **Unit-V Human Physiology**

#### Chapter-17: Breathing and Exchange of Gases

Respiratory organs in animals (recall only); Respiratory system in humans; mechanism of breathing and its regulation in humans - exchange of gases, transport of gases and regulation of respiration, respiratory volume; disorders related to respiration - asthma, emphysema, occupational respiratory disorders.

### **Chapter-18: Body Fluids and Circulation**

Composition of blood, blood groups, coagulation of blood; composition of lymph and its function; human circulatory system - Structure of human heart and blood vessels; cardiac cycle, cardiac output, ECG; double circulation; regulation of cardiac activity; disorders of circulatory system - hypertension, coronary artery disease, angina pectoris, heart failure.

### **Chapter-19: Excretory Products and their Elimination**

Modes of excretion - ammonotelism, ureotelism, uricotelism; human excretory system – structure and function; urine formation, osmoregulation; regulation of kidney function - renin - angiotensin, atrial natriuretic factor, ADH and diabetes insipidus; role of other organs inexcretion; disorders - uremia, renal failure, renal calculi, nephritis; dialysis and artificial kidney, kidney transplant.

#### **Chapter-20: Locomotion and Movement**

Skeletal muscle, contractile proteins and muscle contraction.

## **Chapter-21: Neural Control and Coordination**

Neuron and nerves; Nervous system in humans - central nervous system; peripheral nervous system and visceral nervous system; generation and conduction of nerve impulse.

## **Chapter-22: Chemical Coordination and Integration**

Endocrine glands and hormones; human endocrine system - hypothalamus, pituitary, pineal, thyroid, parathyroid, adrenal, pancreas, gonads; mechanism of hormone action (elementary idea); role of hormones as messengers and regulators, hypo - and hyperactivity and related disorders; dwarfism, acromegaly, cretinism, goiter, exophthalmic goiter, diabetes, Addison's disease.

**Note:** Diseases related to all the human physiological systems to be taught in brief.

### **BIOLOGY**

(Code No. 044) COURSE STRUCTURE CLASS XII (2021 - 22)

	EVALUATION SCHEME				
Theor	/				
Units	Term - I	Marks			
VI	Reproduction: Chapter - 2, 3 and 4	15			
VII	Genetics and Evolution: Chapter - 5 and 6	20			
Units	Term - ll	Marks			
VIII	Biology and Human Welfare: Chapter - 8 and 10	14			
IX	Biotechnology and its Applications: Chapter - 11 and 12	11			
Х	Ecology and Environment: Chapter - 13 and 15	10			
Total <sup>-</sup>	Theory (Term - I and Term - II)	70			
Practi	cals Term - I	15			
Practi	cals Term - II	15			
Total	Total 100				

<u>THEORY</u>

## TERM - I

## **Unit-VI Reproduction**

#### **Chapter-2: Sexual Reproduction in Flowering Plants**

Flower structure; development of male and female gametophytes; pollination - types, agencies and examples; outbreeding devices; pollen-pistil interaction; double fertilization; post fertilization events - development of endosperm and embryo, development of seed and formation of fruit; special modes-apomixis, parthenocarpy, polyembryony; Significance of seed dispersal and fruit formation.

## **Chapter-3: Human Reproduction**

Male and female reproductive systems; microscopic anatomy of testis and ovary; gametogenesis

- spermatogenesis and oogenesis; menstrual cycle; fertilisation, embryo development upto blastocyst formation, implantation; pregnancy and placenta formation (elementary idea); parturition (elementary idea).

### **Chapter-4: Reproductive Health**

Need for reproductive health and prevention of Sexually Transmitted Diseases (STDs); birth control - need and methods, contraception and medical termination of pregnancy (MTP); amniocentesis; infertility and assisted reproductive technologies - IVF, ZIFT, GIFT (elementary idea for general awareness).

## **Unit-VII Genetics and Evolution**

#### **Chapter-5: Principles of Inheritance and Variation**

**Heredity and variation:** Mendelian inheritance; deviations from Mendelism – incomplete dominance, co-dominance, multiple alleles and inheritance of blood groups, pleiotropy; elementary idea of polygenic inheritance; chromosome theory of inheritance; chromosomes and genes; Sex determination - in human being, birds and honey bee; linkage and crossing over; sex linked inheritance - haemophilia, colour blindness; Mendelian disorders in humans -thalassemia; chromosomal disorders in humans; Down's syndrome, Turner's and Klinefelter's syndromes.

## **Chapter-6: Molecular Basis of Inheritance**

Search for genetic material and DNA as genetic material; Structure of DNA and RNA; DNA packaging; DNA replication; Central Dogma; transcription, genetic code, translation; gene expression and regulation - lac operon; Genome, Human and rice genome projects; DNA fingerprinting.

## TERM - II

## **Unit-VIII Biology and Human Welfare**

### **Chapter-8: Human Health and Diseases**

Pathogens; parasites causing human diseases (malaria, dengue, chikungunya, filariasis, ascariasis, typhoid, pneumonia, common cold, amoebiasis, ring worm) and their control; Basic concepts of immunology - vaccines; cancer, HIV and AIDS; Adolescence - drug and alcohol abuse.

## **Chapter-10: Microbes in Human Welfare**

Microbes in food processing, industrial production, sewage treatment, energy generation and microbes as bio-control agents and bio-fertilizers. Antibiotics; production and judicious use.

## **Unit-IX Biotechnology and its Applications**

## **Chapter-11: Biotechnology - Principles and Processes**

Genetic Engineering (Recombinant DNA Technology).

## **Chapter-12: Biotechnology and its Application**

Application of biotechnology in health and agriculture: Human insulin and vaccine production, stem cell technology, gene therapy; genetically modified organisms - Bt crops; transgenic animals; biosafety issues, biopiracy and patents.

## **Unit-X Ecology and Environment**

## **Chapter-13: Organisms and Populations**

Organisms and environment: Habitat and niche, population and ecological adaptations; population interactions - mutualism, competition, predation, parasitism; population attributes - growth, birth rate and death rate, age distribution.

## **Chapter-15: Biodiversity and its Conservation**

Biodiversity - Concept, patterns, importance; loss of biodiversity; biodiversity conservation; hotspots, endangered organisms, extinction, Red Data Book, Sacred Groves, biosphere reserves, national parks, wildlife, sanctuaries and Ramsar sites.

Con	Computer ScienceCLASS - XI								
	Code No. 083 2021-22								
Uni t No	Unit Name			Marks		Period s		eriod s	
NO.							Theo	ry	Practic al
I	Computer Systems and Organisation		10 10			5			
II	Computational Thinking and Programming - 1		45		50		35		
Ш	Society, Lav	w and Eth	nics		15		20		
	Total				70		80		40
				٦	Гerm- 1	Te	erm- 2		
				Ι	Marks	Μ	arks		
		Ι	Computer Systems and Organisation		10				
		II	Computational Thinking and Programming - 1		25		20		
		III	Society, Law andEthics				15		
					35		35		

## 1. Unit wise Syllabus

#### **TERM 1**:

## **Unit I: Computer Systems and Organisation**

- Basic Computer Organisation: Introduction to computer system, hardware, software, input device, output device, CPU, memory (primary, cache and secondary), units of memory (Bit, Byte, KB, MB, GB, TB, PB)
- Types of software: system software (operating systems, system utilities, device drivers), programming tools and language translators (assembler, compiler & interpreter), application software
- Operating system (OS): functions of operating system, OS user interface
- Boolean logic: NOT, AND, OR, NAND, NOR, XOR, truth table, De Morgan's laws and logic circuits
- Number system: Binary, Octal, Decimal and Hexadecimal number system; conversion between number systems.
- Encoding schemes: ASCII, ISCII and UNICODE (UTF8, UTF32)

## **Unit II: Computational Thinking and Programming – 1**

- Introduction to problem solving: Steps for problem solving (analysing the problem, developing an algorithm, coding, testing and debugging). representation of algorithms using flow chart and pseudo code, decomposition
- Familiarization with the basics of Python programming: Introduction to Python, features of Python, executing a simple "hello world" program, execution modes: interactive mode and script mode, Python character set, Python tokens (keyword, identifier, literal, operator, punctuator), variables, concept of I-value and r-value, use of comments
- Knowledge of data types: number (integer, floating point, complex), boolean, sequence (string, list, tuple), none, mapping (dictionary), mutable and immutable data types
- Operators: arithmetic operators, relational operators, logical operators, assignment operator, augmented assignment operators, identity operators (is, is not), membership operators (in, not in)
- Expressions, statement, type conversion & input/output: precedence of operators, expression, evaluation of expression, python statement, type conversion (explicit & implicit conversion), accepting data as input from the console and displaying output
- Errors: syntax errors, logical errors, runtime errors
- Flow of control: introduction, use of indentation, sequential flow, conditional and iterative flow control
- Conditional statements: if, if-else, if-elif-else, flowcharts, simple programs: e.g.: absolute value, sort 3 numbers and divisibility of a number
- Iterative statements: for loop, range function, while loop, flowcharts, break and continue statements, nested loops, suggested programs: generating pattern, summation of series, finding the factorial of a positive number etc
- Strings: introduction, indexing, string operations (concatenation, repetition, membership & slicing), traversing a string using loops, built-in functions: len(), capitalize(), title(), lower(), upper(), count(), find(), index(), endswith(), startswith(), isalnum(), isalpha(), isdigit(), islower(), isupper(), isspace(), lstrip(), rstrip(), strip(), replace(), join(), partition(), split()

## **TERM 2:**

## **Unit II: Computational Thinking and Programming – 1**

• Lists: introduction, indexing, list operations (concatenation, repetition, membership & slicing), traversing a list using loops, built-in functions: len(), list(), append(), extend(), insert(), count(),

index(), remove(), pop(), reverse(), sort(), sorted(), min(), max(), sum(); nested lists, suggested programs: finding the maximum, minimum, mean of numeric values stored in a list; linear search on list of numbers and counting the frequency of elements in a list

- Tuples: introduction, indexing, tuple operations (concatenation, repetition, membership & slicing), built-in functions: len(), tuple(), count(), index(), sorted(), min(), max(), sum(); tuple assignment, nested tuple, suggested programs: finding the minimum, maximum, mean of values stored in a tuple; linear search on a tuple of numbers, counting the frequency of elements in a tuple
- Dictionary: introduction, accessing items in a dictionary using keys, mutability of dictionary (adding a new item, modifying an existing item), traversing a dictionary, built-in functions: len(), dict(), keys(), values(), items(), get(), update(), del(), clear(), fromkeys(), copy(), pop(), popitem(), setdefault(), max(), min(), count(), sorted(), copy(); suggested programs : count the number of times a character appears in a given string using a dictionary, create a dictionary with names of employees, their salary and access them
- Introduction to Python modules: Importing module using 'import <module>' and using from statement, Importing math module (pi, e, sqrt, ceil, floor, pow, fabs, sin, cos, tan); random module (random, randint, randrange), statistics module (mean, median, mode)

## Unit III: Society, Law and Ethics

- Digital Footprints
- Digital society and Netizen: net etiquettes, communication etiquettes, social media etiquettes
- Data protection: Intellectual Property Right (copyright, patent, trademark), violation of IPR (plagiarism, copyright infringement, trademark infringement), open source softwares and licensing (Creative Commons, GPL and Apache)
- Cyber-crime: definition, hacking, eavesdropping, phishing and fraud emails, ransomware, preventing cyber crime
- Cyber safety: safely browsing the web, identity protection, confidentiality, cyber trolls and bullying.
- Safely accessing web sites: malware, viruses, Trojans, adware
- E-waste management: proper disposal of used electronic gadgets
- Indian Information Technology Act (IT Act)
- Technology & Society: Gender and disability issues while teaching and using computers

## **2.** Practical

S.No.		Marks (Total=30)	Term-1 (15 Marks)	Term-2 (15 Marks)
1.	Python program	12	6	6
2.	Report file: Minimum 20 Python programs Term- 1 : Minimum 10 programs based on Term - 1syllabus Term- 2 : Minimum 10 programs based on Term - 2syllabus	7	4	3
	Viva voce	3	2	1

3.	Project + Viva voce Term - 1 : Synopsis of the project to be submitted by the students (documentation only)	8	3	5
	Term - 2 : Final coding + Viva voce (Student will be allowed to modify their Term 1 document and submit the final executable code.)			

## 3. Suggested Practical List

## Term - 1

Input a welcome message and display it.

- Input two numbers and display the larger / smaller number.
- Input three numbers and display the largest / smallest number.
- Generate the following patterns using nested loop.

Pattern-1	Pattern-2	Pattern-3
*	12345	Α
**	1234	AB
***	123	ABC
****	12	ABCD
****	1	ABCDE

- Write a program to input the value of x and n and print the sum of the following series:
  - o 1+x+x<sup>2</sup>+x<sup>3</sup>+x<sup>4</sup>+.....x<sup>n</sup>
  - 1-x+x<sup>2</sup>-x<sup>3</sup>+x<sup>4</sup> ......x<sup>n</sup>
  - $\bigcirc X \underline{X}^2 + \underline{X}^3 \underline{X}^4 + \dots \underline{X}^n$

#### 2 3 4

 $\bigcirc X + \underline{X^2} - \underline{X^3} + \underline{X^4} \dots \underline{X^n}$ 

#### 2! 3! 4!

- Determine whether a number is a perfect number, an armstrong number or a palindrome.
- Input a number and check if the number is a prime or composite number.

n

n!

- Display the terms of a Fibonacci series.
- Compute the greatest common divisor and least common multiple of two integers.
- Count and display the number of vowels, consonants, uppercase, lowercase characters in string.
- Input a string and determine whether it is a palindrome or not; convert the case of characters in a string.

## Term - 2

• Find the largest/smallest number in a list/tuple

- Input a list of numbers and swap elements at the even location with the elements at the odd location.
- Input a list/tuple of elements, search for a given element in the list/tuple.
- Input a list of numbers and find the smallest and largest number from the list.
- Create a dictionary with the roll number, name and marks of n students in a class and display the names of students who have scored marks above 75.

## 4. Suggested Reading Material

- NCERT Textbook for COMPUTER SCIENCE (Class XI)
- Support Materials on the CBSE website.

## Computer Science CLASS-XII Code No. 083

#### 2021-22

## **1.** Prerequisites

Computer Science- Class XI

### 2. Learning Outcomes

Student should be able to

- a) apply the concept of function.
- **b)** explain and use the concept of file handling.
- c) use basic data structure: Stacks.
- d) explain basics of computer networks.
- e) use Database concepts, SQL along with connectivity between Python and SQL.

## **3.** Distribution of Marks:

Uni t	Unit Name	Marks	Periods	
No.			Theor y	Practic al
I	Computational Thinking	40	50	25
	and Programming - 2			
II	Computer Networks	10	10	
	Database Management	20	20	15
	Total	70	80	40

Unit No	Unit Name	Term- 1	Term- 2
1	Computation alThinking and	35	5
	Programming - 2		
II	Computer Networks		10
111	Database Managemen t		20
	Total	35	35

## 4. Unit wise Syllabus

## **TERM 1:**

## Unit I: Computational Thinking and Programming - 2

- Revision of Python topics covered in Class XI.
- Functions: types of function (built-in functions, functions defined in module, user defined functions), creating user defined function, arguments and parameters, default parameters, positional parameters, function returning value(s), flow of execution, scope of a variable (global scope, local scope)
- Introduction to files, types of files (Text file, Binary file, CSV file), relative and absolute paths
- Text file: opening a text file, text file open modes (r, r+, w, w+, a, a+), closing a text file, opening a file using with clause, writing/appending data to a text file using write() and writelines(), reading from a text file using read(), readline() and readlines(), seek and tell methods, manipulation of data in a text file
- Binary file: basic operations on a binary file: open using file open modes (rb, rb+, wb, wb+, ab, ab+), close a binary file, import pickle module, dump() and load() method, read, write/create, search, append and update operations in a binary file
- CSV file: import csv module, open / close csv file, write into a csv file using csv.writerow() and read from a csv file using csv.reader()

## **TERM 2:**

### **Unit I: Computational Thinking and Programming – 2**

• Data Structure: Stack, operations on stack (push & pop), implementation of stack using list.

### **Unit II: Computer Networks**

- Evolution of networking: introduction to computer networks, evolution of networking (ARPANET, NSFNET, INTERNET)
- Data communication terminologies: concept of communication, components of data communication (sender, receiver, message, communication media, protocols), measuring capacity of communication media (bandwidth, data transfer rate), IP address, switching techniques (Circuit switching, Packet switching)
- Transmission media: Wired communication media (Twisted pair cable, Co-axial cable, Fiber-optic cable), Wireless media (Radio waves, Micro waves, Infrared waves
- Network devices (Modem, Ethernet card, RJ45, Repeater, Hub, Switch, Router, Gateway, WIFI card)
- Network topologies and Network types: types of networks (PAN, LAN, MAN, WAN), networking topologies (Bus, Star, Tree)
- Network protocol: HTTP, FTP, PPP, SMTP, TCP/IP, POP3, HTTPS, TELNET, VoIP
- Introduction to web services: WWW, Hyper Text Markup Language (HTML), Extensible Markup Language (XML), domain names, URL, website, web browser, web servers, web hosting

## **Unit III: Database Management**

- Database concepts: introduction to database concepts and its need
- Relational data model: relation, attribute, tuple, domain, degree, cardinality, keys (candidate key, primary key, alternate key, foreign key)
- Structured Query Language: introduction, Data Definition Language and Data Manipulation Language, data type (char(n), varchar(n), int, float, date), constraints (not null, unique, primary key), create database, use database, show databases, drop database, show tables, create table, describe table, alter table (add and remove an attribute, add and remove primary key), drop table, insert, delete, select, operators (mathematical, relational and logical), aliasing, distinct clause, where clause, in, between, order by, meaning of null, is null, is not null, like, update command, delete command
- Aggregate functions (max, min, avg, sum, count), group by, having clause, joins :Cartesian producton two tables, equi-join and natural join
- 5. Interface of python with an SQL database: connecting SQL with Python, performing insert, update, delete queries using cursor, display data by using fetchone(), fetchall(), rowcount, creating database connectivity applications.

## 6. Suggested Practical List:

## Term-1

## **Python Programming**

- Read a text file line by line and display each word separated by a #.
- Read a text file and display the number of vowels/consonants/uppercase/lowercase charactersin the file.
- Remove all the lines that contain the character 'a' in a file and write it to another file.
- Create a binary file with name and roll number. Search for a given roll number and display thename, if not found display appropriate message.
- Create a binary file with roll number, name and marks. Input a roll number and update the marks.
- Write a random number generator that generates random numbers between 1 and 6 (simulatesa dice).
- Create a CSV file by entering user-id and password, read and search the password for given user-id.

## Term-2

## **Python Programming**

• Write a Python program to implement a stack using list.

## **Database Management**

• Create a student table and insert data. Implement the following SQL commands on the studenttable:

- ALTER table to add new attributes / modify data type / drop attribute
- UPDATE table to modify data
- ORDER By to display data in ascending / descending order
- DELETE to remove tuple(s)
- GROUP BY and find the min, max, sum, count and average
- Joining of two tables.
- Similar exercise may be framed for other cases.
- Integrate SQL with Python by importing suitable module.

## **Database Management**

- Create a student table and insert data. Implement the following SQL commands on the studenttable:
  - o ALTER table to add new attributes / modify data type / drop attribute
  - o UPDATE table to modify data
  - $\circ$   $\,$  ORDER By to display data in ascending / descending order  $\,$
  - o DELETE to remove tuple(s)
  - GROUP BY and find the min, max, sum, count and average
- Similar exercise may be framed for other cases.
- Integrate SQL with Python by importing suitable module.

## 7. Reading Material

- NCERT Textbook for COMPUTER SCIENCE (Class XII)
- Support Materials on the CBSE website.

## PHYSICAL EDUCATION (048) DISTRIBUTION OF SYLLABUS – CLASS XI – 2021-2022

## TERM - I AND TERM - II

TERM I - THEORY MCQ BASED - 35 MARKS		TERM II - THEORY SHORT/LONG ANSWER - 35 MARKS		
*Unit No.	Name	*Unit No.	Name	

1.	<ul> <li>Changing Trends &amp; Career in Physical Education</li> <li>Meaning &amp; definition of Physical Education</li> <li>Aims &amp; Objectives of Physical Education</li> <li>Career Options in Physical Education.</li> <li>Khelo-India Program</li> </ul>	4.	<ul> <li>Physical Education &amp; Sports for CWSN (Children With Special Needs- Divyang)</li> <li>Aims &amp; objectives of Adaptive Physical Education</li> <li>Organization promoting Adaptive Sports (Special OlympicsBharat; Paralympics; Deaflympics)</li> <li>Role of various professionals for children with special needs (Counsellor, Occupational Therapist, Physiotherapist, Physical Education Teacher, Speech Therapist &amp; special Educator)</li> </ul>
2.	Olympic Value Education • Olympics • Olympic Symbols, Ideals, Objectives & Values of Olympism • International Olympic Committee • Indian Olympic Association	5.	Yoga • Meaning & Importance of Yoga • Elements of Yoga • Introduction - Asanas, Pranayam, Meditation & Yogic Kriyas • Yoga for concentration & related Asanas (Sukhasana; Tadasana; Padmasana & Shashankasana, Naukasana, Vrikshasana (Tree pose), Garudasana (Eagle pose)
3.	<ul> <li>Physical Fitness, Wellness &amp; Lifestyle</li> <li>Meaning &amp; Importance of Physical Fitness,</li> <li>Wellness &amp; Lifestyle</li> <li>Components of physical fitness and Wellness</li> <li>Components of Health related fitness</li> </ul>	6.	<ul> <li>Physical Activity &amp; Leadership Training</li> <li>Leadership Qualities &amp; Role of a Leader</li> <li>Meaning, objectives &amp; types of Adventure Sports (Rock Climbing, Tracking, River Rafting, Mountaineering, Surfing and Paragliding)</li> <li>Safety measures to prevent sports injuries</li> </ul>
7	<ul> <li>Test, Measurement &amp; Evaluation</li> <li>Define Test, Measurement &amp; Evaluation</li> <li>Importance of Test, Measurement &amp; Evaluation In Sports</li> <li>Calculation of BMI &amp; Waist - Hip Ratio.</li> <li>Measurement of health related fitness.</li> </ul>	9.	Psychology & Sports • Definition & Importance of Psychology in Phy. Edu. & Sports • Define & Differentiate Between Growth & Development. • Adolescent Problems & Their Management
8	<ul> <li>Fundamentals of Anatomy, Physiology &amp; Kinesiology in Sports</li> <li>Definition and Importance of Anatomy, Physiology &amp; Kinesiology</li> <li>Function of Skeleton System, Classification of Bones &amp; Types of Joints .</li> </ul>	10.	<ul> <li>Training and Doping in Sports</li> <li>Meaning &amp; Concept of Sports Training</li> <li>Principles of Sports Training</li> <li>Concept &amp; classification of doping</li> <li>Prohibited Substances &amp; their side effects</li> </ul>

Function & Structure of Respiratory	
System and Circulatory System	
• Equilibrium - Dynamic & Static And Centre of	
Gravity and its application in sports	

## PHYSICAL EDUCATION (048) DISTRIBUTION OF SYLLABUS

- CLASS XII - 2021-2022

### TERM - I AND TERM - II

	TERM I - THEORY	Т	ERM II - THEORY
MC	Q BASED - 35	SHORT/L	ONG ANSWER - 35
MA		MARKS	News e
*Unit	Name	*Unit	Name
NO.	Diagning in Coasta		Vara 6 Lifestula
	Planning in Sports         Meaning & Objectives Of Planning         Various Committees & its Responsibilities (pre; during & post)         Tournament – Knock-Out, League Or Round Robin & Combination         Procedure To Draw Fixtures – Knock-Out (Bye & Seeding) & League (Staircase & Cyclic)	3	Yoga & Lifestyle <ul> <li>Asanas as preventive measures</li> <li>Obesity: <ul> <li>Procedure,</li> <li>Benefits &amp;</li> <li>contraindications</li> <li>for Vajrasana,</li> <li>Hastasana,</li> <li>Trikonasana,</li> <li>Ardh</li> <li>Matsyendrasana</li> </ul> </li> <li>Diabetes: <ul> <li>Procedure,</li> <li>Benefits &amp;</li> <li>contraindications</li> <li>for</li> <li>Bhujangasana,</li> <li>Procedure,</li> <li>Benefits &amp;</li> <li>contraindications</li> <li>for</li> <li>Bhujangasana,</li> <li>Procedure,</li> <li>Benefits &amp;</li> <li>contraindications</li> <li>for</li> <li>Bhujangasana,</li> <li>Asthma:</li> <li>Procedure,</li> <li>Benefits &amp;</li> <li>contraindications</li> <li>for Sukhasana,</li> <li>Asthma:</li> <li>Protecture,</li> <li>Benefits &amp;</li> <li>contraindications</li> <li>for Sukhasana,</li> <li>Ardha</li> <li>Chakrasana,</li> <li>Bhujangasana,</li> <li>Sharasana</li> </ul> </li></ul>
2	Sports & Nutrition Balanced Diet & Nutrition: Macro & Micro Nutrients Nutritive & Non-Nutritive	4	Physical Education & Sports for CWSN (Children with

	Components Of Diet Eating For Weight Control – A Healthy Weight, The Pitfalls of Dieting, Food		Special Needs - DIVYANG)  Concept of Disability & Disorder  Types of Disability, its causes & nature (cognitive disability, intellectual disability, physical disability.
	Myths		<ul> <li>Types of Disorder, its cause &amp; nature (ADHD, SPD, ASD, ODD, OCD)</li> <li>Disability Etiquettes</li> <li>Strategies to make Physical Activities assessable for children with special need.</li> </ul>
5	Children & Women in Sports <ul> <li>Motor development &amp; factors affecting it</li> <li>Exercise Guidelines at different stages of growth &amp; Development</li> <li>Common Postural Deformities - Knock Knee; Flat Foot; Round Shoulders; Lordosis, Kyphosis, Bow Legs and Scoliosis and their corrective measures</li> <li>Sports participation of women in India</li> </ul>	7	<ul> <li>Physiology &amp; Injuries in Sports</li> <li>Physiological factor determining component of Physical Fitness</li> <li>Effect of exercise on Cardio Respiratory System</li> <li>Effect of exercise on Muscular System</li> <li>Sports injuries: Classification (Soft Tissue Injuries: (Abrasion, Contusion, Laceration, Incision, Sprain &amp; Strain) Bone &amp; Joint Injuries: (Dislocation, Fractures: Stress Fracture, Green Stick, Communated, Transverse Oblique &amp; Impacted) Causes, Prevention&amp; treatment</li> <li>First Aid – Aims &amp; Objectives</li> </ul>

6	Test & Measurem Sports o Motor I Test – Standii 600 M Sit & R Partial Push U Modifie Ups (G Standii Jump, 4x10 M Run o Measu Cardio Fitness Step T Test - <u>D uration of the</u> <u>Exercise in Seconds</u> <u>x 100</u> 5.5 x Pulse count of 1-1.5 Min after <u>Exercise</u>	Fitness 50 M ng Start, Run/Walk, Reach, Curl Up, Jps (Boys), ed Push Birls), ng Broad Agility – A Shuttle rrement of Vascular s – Harvard est/Rockport	9	<ul> <li>Psychology &amp; Spo</li> <li>Personality; its &amp; types – Trait &amp; (Sheldon &amp; Jun Classification) &amp; Theory</li> <li>Motivation, its ty techniques</li> <li>Meaning, Concord of Aggressions</li> </ul>	Drts definition & Types g & Big Five /pe & ept & Types in Sports
	o Rikli & Citizen	Jones - Senior Fitness Test			
8	Biomechanics & Meanir Importa Biomed Sports Types (Flexio Abduct Adduct Newton Motion applica	Sports ng and ance of chanics in of movements n, Extension, tion & tion) n's Law of a & its ation in sports	10	<ul> <li>Training in Sport</li> <li>Strength – Defir &amp; methods of in Strength – Isom Isotonic &amp; Isokii</li> <li>Endurance - Det types &amp; method develop Endura Continuous Tra Interval Training</li> <li>Speed – Definiti methods to dev – Acceleration F Run</li> <li>Flexibility – Defi &amp; methods to in flexibility</li> <li>Coordinative Ak Definition &amp; type</li> </ul>	S nition, types netric, netic finition, s to nnce – ining, g & Fartlek ion, types & elop Speed Run & Pace nition, types nprove
т	ERM I - PRACTICA	AL.	TE	RM II - PRACTICA	L
Project File (About one sp of choice )	oort/game	05 Ma rks	Project File (Yoga and Ge Fitness Test)	eneral Motor	05 Marks

Demonstration of	05 Ma	Demonstration of Fitness	05
FitnessActivity	rks	Activity/Yoga	Marks
Viva Voce (From Project File; Fitness)	05 Marks	Viva Voce (From Project File;General Motor Fitness; Yoga)	05 Marks

## **BUSINESS STUDIES (Code No. 054)**

#### **BUSINESS STUDIES (Code No. 054) CLASS-XI** (2021-22)-TERM WISE CURRICULUM

	TERM 1- MCQ BASED QUESTION PAPERTHEORY- 40 MARKSDURATION: 90 MINUTES		
Units		Periods	Marks
Part A	Foundations of Business		
1	Evolution and Fundamentals of Business	18	16
2	Forms of Business Organisations	20	
3	Public, Private and Global Enterprises	10	14
4	Business Services	14	
5	Emerging Modes of Business	05	10
6	Social Responsibility of Business and Business Ethics	08	
	Total	75	40
	PROJECT WORK ( Part-1)		10

Students would prepare only ONE project in the entire academic session, which is divided into 2 terms i.e. Term I and Term II.

#### TERM I

#### Part A: Foundation of Business

Concept includes meaning and features

#### **Unit 1: Evolution and Fundamentals of Business**

Content	After going through this unit, the student/ learner would be able to:
History of Trade and Commerce in India: Indigenous Banking System, Rise of Intermediaries, Transport, Trading Communities: Merchant Corporations, Major Trade Centers, Major Imports	<ul> <li>To acquaint the History of Trade and Commerce in India</li> </ul>
and Exports, Position of Indian Sub-Continent in the World Economy.	
Business – meaning and characteristics	<ul> <li>Understand the meaning of business with special reference to economic and non- economic activities.</li> <li>Discuss the characteristics of business.</li> </ul>

Business, profession and employment-Concept	<ul> <li>Understand the concept of business, profession and employment.</li> <li>Differentiate between business, profession and employment.</li> </ul>
Objectives of business	<ul> <li>Appreciate the economic and social objectives of business.</li> <li>Examine the role of profit in business.</li> </ul>
Classification of business activities - Industry and Commerce	<ul> <li>Understand the broad categories of business activities- industry and commerce.</li> </ul>
Industry-types: primary, secondary, tertiary Meaning and subgroups	<ul> <li>Describe the various types of industries.</li> </ul>
Commerce-trade: (types-internal, external; wholesale and retail) and auxiliaries to trade; (banking, insurance, transportation, warehousing, communication, and advertising) – meaning	<ul> <li>Discuss the meaning of commerce, trade and auxiliaries to trade.</li> <li>Discuss the meaning of different types of trade and auxiliaries to trade.</li> <li>Examine the role of commerce- trade and auxiliaries to trade.</li> </ul>
Business risk-Concept	<ul> <li>Understand the concept of risk as a special characteristic of business.</li> <li>Examine the nature and causes of business risks.</li> </ul>

## Unit 2: Forms of Business organizations

Sole Proprietorship-Concept, merits and limitations.	<ul> <li>List the different forms of business organizations and understand their meaning.</li> <li>Identify and explain the concept, merits and limitations of Sole Proprietorship.</li> </ul>
Partnership-Concept, types, merits and limitation of partnership, registration of a partnership firm, partnership deed. Types of partners	<ul> <li>Identify and explain the concept, merits and limitations of a Partnership firm.</li> <li>Understand the types of partnership on the basis of duration and on the basis of liability.</li> <li>State the need for registration of a partnership firm.</li> <li>Discuss types of partners –active, sleeping, secret, nominal and partner by estoppel.</li> </ul>
Hindu Undivided Family Business: Concept	Understand the concept of Hindu Undivided Family Business.
Cooperative Societies-Concept, types, merits, and limitations.	<ul> <li>Identify and explain the concept, merits and limitations of Cooperative Societies.</li> <li>Understand the concept of consumers, producers, marketing, farmers, credit and housing co-operatives.</li> </ul>
Company - Concept, merits and limitations; Types: Private, Public and One Person Company – Concept	<ul> <li>Identify and explain the concept, merits and limitations.</li> <li>Understand the concept of private and public companies and one person company.</li> </ul>
	<ul> <li>Understand the meaning of one person company.</li> <li>Distinguish between a private company and a public company.</li> </ul>

Formation of company - stages, important documents to be used in the formation of a company	<ul> <li>Highlight the stages in the formation of a company.</li> <li>Discuss the important documents used in</li> </ul>
	the various stages in the formation of a
	company.

## Unit 3: Public, Private and Global Enterprises

Public sector and private sector enterprises –	<ul> <li>Develop an understanding of Public sector</li></ul>
Concept	and private sector enterprises
Forms of public sector enterprises: Departmental	<ul> <li>Identify and explain the features, merits and</li></ul>
Undertakings, Statutory Corporations and	limitations of different forms of public sector
Government Company.	enterprises

#### Unit 4: Business Services

Business services – meaning and types. Banking: Types of bank accounts - savings, current, recurring, fixed deposit and multiple option deposit account	<ul> <li>Understand the meaning and types of business services.</li> <li>Develop an understanding of different types of bank accounts.</li> </ul>
Banking services with particular reference to Bank Draft, Bank Overdraft, Cash credit. E-Banking meaning, Types of digital payments	<ul> <li>Develop an understanding of the different services provided by banks</li> </ul>
Insurance – Principles. Types – life, health, fire and marine insurance– concept	<ul> <li>Understand Utmost Good Faith, Insurable Interest, Indemnity, Contribution, Doctrine of Subrogation and CausaProxima as principles of insurance</li> <li>Discuss different types of insurance-life, health, fire, marineinsurance</li> </ul>

#### **Unit 5: Emerging Modes of Business**

E - business: concept, scope and benefits	<ul> <li>Give the meaning of e-business.</li> <li>Discuss the scope of e-business.</li> <li>Appreciate the benefits of e-business</li> <li>Distinguish e-business from traditional business.</li> </ul>

### Unit 6: Social Responsibility of Business and Business Ethics

Concept of social responsibility	State the concept of social responsibility.
Case for social responsibility	<ul> <li>Examine the case for social responsibility.</li> </ul>
Responsibility towards owners, investors, consumers, employees, government and community.	<ul> <li>Identify social responsibilities towards different interest groups.</li> </ul>
Role of business in environment protection	<ul> <li>Appreciate the role of business in environment protection.</li> </ul>

# PROJECT WORK IN BUSINESS STUDIES (ONLY ONE PROJECT): GUIDELINES ASGIVEN IN CLASS XII CURRICULUM

### CLASS-XI (Term II)

TERM-2 SUBJECTIVE QUESTION PAPER		
Theory - 40 Marks	DURATION:- 2 Hrs	

Part B	Finance and Trade	PERIODS	MARKS
7	Sources of Business Finance	28	20
8	Small Business and Entrepreneurship Development	16	
9	Internal Trade	22	20
10	International Business	04	
	TOTAL	70	40
	PROJECT WORK (PART - 2)		10

## TERM II

## Part B: Finance and Trade

#### **Unit 7: Sources of Business Finance**

Business finance: Concept and Importance	<ul> <li>State the meaning, nature and importance of business finance.</li> </ul>
Owners' funds- equity shares, preferences share, retained earnings, Global Depository receipt (GDR), American Depository Receipt (ADR) and International Depository Receipt (IDR) – concept	<ul> <li>Classify the various sources of funds into owners' funds.</li> <li>State the meaning of owners' funds.</li> <li>Understand the meaning of Global Depository receipts, American Depository Receipts and International Depository Receipts.</li> </ul>
Borrowed funds: debentures and bonds, loan from financial institution and commercial banks, public deposits, trade credit and	<ul> <li>State the meaning of borrowed funds.</li> <li>Discuss the concept of debentures, bonds, loans from financial institutions and commercial banks, Trade credit</li> <li>Distinguish between owners' funds and borrowed funds.</li> </ul>

## Unit 8: Small Business and Entrepreneurship Development

Entrepreneurship Development (ED): Concept and Need. Process of Entrepreneurship Development: Start-up India Scheme, ways to fund startup. Intellectual Property Rights and Entrepreneurship	<ul> <li>Understand the concept and need of Entrepreneurship Development (ED), Intellectual Property Rights</li> <li>Understand the process of Entrepreneurship Development</li> </ul>
Small scale enterprise – Definition	<ul> <li>Understand the definition of small enterprises</li> </ul>
Role of small business in India with special reference to rural areas	<ul> <li>Discuss the role of small scale business in India with special reference to rural areas</li> </ul>
Government schemes and agencies for small scale industries: National Small Industries Corporation	<ul> <li>Appreciate various schemes of NSIC and DIC with special reference to rural, backward</li> </ul>
(NSIC) and District Industrial Centre (DIC) with special reference to rural, backward areas	area.

#### **Unit 9: Internal Trade**

Internal trade - meaning and types of services rendered by a wholesaler and a retailer	<ul> <li>State the meaning and types of internal trade.</li> <li>Appreciate the services of wholesalers and retailers.</li> </ul>
Large scale retailers-Departmental stores, chain	<ul> <li>Highlight the distinctive features of</li></ul>
stores – concept	departmental stores, chain stores

#### **Unit 10: International Trade**

nternational trade: concept and benefits	<ul> <li>Understand the concept of international trade.</li> <li>Describe the benefit of international trade to the nation and business firms.</li> </ul>
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## BUSINESS STUDIES (CODE -054) CLASS-XII (2021-22) TERM WISE CURRICULUM

Units	TERM 1- MCQ BASED QUESTION PAPER THEORY - 40 MARKS DURATION: 90 MINUTES	Periods	Marks
Part A	Principles and Functions of Management		
1.	Nature and Significance of Management	12	16
2	Principles of Management	11	
3	Business Environment	08	
4	Planning	08	14
5	Organising	10	
	Total	49	30
Part B	Business Finance and Marketing		
11	Marketing Management	24	10
	Total	24	10
	Total	73	40
	PROJECT WORK (PART 1)		10

Students would prepare only ONE project in the entire academic session, which is divided into2 terms i.e. Term I and Term II.

#### Term 1:

#### Part A: Principles and Functions of ManagementUnit 1:

#### Nature and Significance of Management

Concept	After going through this unit, the student/	
	learner would be able to:	
Management - concept, objectives, and importance	<ul> <li>Understand the concept of management.</li> <li>Explain the meaning of 'Effectiveness and Efficiency.</li> <li>Discuss the objectives of management.</li> <li>Describe the importance of management.</li> </ul>	
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Management as Science, Art and	<ul> <li>Examine the nature of management</li> </ul>	
Profession	as a	
	science, art and profession.	
Levels of Management	Understand the role of top, middle     and     lower levels of management	
Management functions-planning, organizing, staffing directing and controlling	• Explain the functions of management	
Coordination, concept and importance	Discuss the concept and	
	<ul> <li>Discuss the concept and characteristics of coordination.</li> <li>Explain the importance of coordination</li> </ul>	

### **Unit 2: Principles of Management**

Principles of Management- concept and significance	<ul> <li>Understand the concept of principles of management.</li> <li>Explain the significance of management principles.</li> </ul>
Fayol's principles of management	<ul> <li>Discuss the principles of management developed by Fayol.</li> </ul>
Taylor's Scientific management- principles and techniques	<ul> <li>Explain the principles and techniques of 'Scientific Management'.</li> </ul>

#### Unit 3: Business Environment

Business Environment- concept and importance	<ul> <li>Understand the concept of 'Business Environment'.</li> <li>Describe the importance of business environment</li> </ul>
Dimensions of Business Environment- Economic,	<ul> <li>Describe the various dimensions of</li> </ul>
Social, Technological, Political and Legal	'Business Environment'.

### Unit 4: Planning

Planning: Concept, importance andlimitation	<ul> <li>Understand the concept of planning.</li> <li>Describe the importance of planning.</li> <li>Understand the limitations of planning.</li> </ul>
Planning process	<ul> <li>Describe the steps in the process of planning.</li> </ul>

#### Unit 5: Organising

Organising: Concept and importance	<ul> <li>Understand the concept of organizing as astructure and as a process.</li> <li>Explain the importance of organising.</li> </ul>
Organising Process	<ul> <li>Describe the steps in the process of organizing</li> </ul>
Structure of organisation- functional and divisional concept	<ul> <li>Describe functional and divisional structures of organisation.</li> </ul>
Delegation: concept, elements and importance	<ul> <li>Understand the concept of delegation.</li> <li>Describe the elements of delegation.</li> <li>Appreciate the importance of Delegation.</li> </ul>
Decentralization: concept andimportance	<ul> <li>Understand the concept of decentralisation.</li> <li>Explain the importance of decentralisation.</li> <li>Differentiate between delegation and decentralisation.</li> </ul>

Part B: Business Finance and MarketingUnit

### 11: Marketing

Marketing – Concept, functions and philosophies - Product, Prize and Standard	<ul> <li>Understand the concept of marketing.</li> <li>Discuss the functions of marketing.</li> <li>Explain the marketing philosophies.</li> </ul>
Marketing Mix - Concept and elements	<ul> <li>Understand the concept of marketing mix.</li> <li>Describe the elements of the marketing mix.</li> </ul>
Product - branding, labelling and packaging - Concept	<ul> <li>Understand the concept of product as an element of marketing mix.</li> <li>Understand the concepts of branding, labelling and packaging.</li> </ul>
Price - Concept, Factors determining price	<ul> <li>Understand the concept of price as an element of marketing mix.</li> <li>Describe the factors determining price of a product.</li> </ul>
Physical Distribution - concept	<ul> <li>Understand the concept of physical distribution.</li> </ul>
Promotion - Concept and elements; Advertising, Personal Selling, Sales Promotion and Public Relations	<ul> <li>Understand the concept of promotion as an element of marketing mix.</li> <li>Describe the elements of the promotion mix.</li> <li>Understand the concept of advertising and personal selling</li> <li>Understand the concept of sales promotion.</li> <li>Discuss the concept of public relations.</li> </ul>

### ECONOMICS (Code No. 030) (2021-22)

#### **ECONOMICS (Code No. 030)**

#### (2021-22)

#### **CLASS XI - TERM-WISE CURRICULUM**

Units	TERM 1 - MCQ BASED QUESTION PAPER Theory: 40 Marks Time: 90 minutes	Marks
Part A	Statistics for Economics	
	Introduction	4
	Collection, Organisation and Presentation of Data	9
	Statistical Tools and Interpretation - Arithmetic Mean, Medianand Mode	10
	Sub Total	23
Part B	Introductory Microeconomics	
	Introduction	4
	Consumer's Equilibrium and Demand	13
	Sub Total	17
	Total	40 marks
Part C	Project Work (Part 1): 10 Marks	

Students would prepare only ONE project in the entire academic session, which is divided into2 terms i.e. Term I and Term II.

#### TERM 1

### Part A: Statistics for Economics

Unit 1: Introduction

What is Economics?

Meaning, scope, functions and importance of statistics in Economics Unit 2: Collection, Organisation and Presentation of data

**Collection of data** - sources of data - primary and secondary; how basic data is collected with concepts of Sampling; methods of collecting data; some important sources of secondary data: Census of India and National Sample Survey Organisation.

Organisation of Data: Meaning and types of variables; Frequency Distribution.

Presentation of Data: Tabular Presentation and Diagrammatic Presentation of Data:

(i) Geometric forms (bar diagrams and pie diagrams), (ii) Frequency diagrams(histogram,

polygon and Ogive) and (iii) Arithmetic line graphs (time series graph).

#### Unit 3: Statistical Tools and Interpretation

Measures of Central Tendency- Arithmetic mean, median and mode

### **Part B: Introductory Microeconomics**

#### Unit 4: Introduction

Meaning of microeconomics and macroeconomics; positive and normative economics

What is an economy? Central problems of an economy: what, how and for whom to produce; opportunity cost.

#### Unit 5: Consumer's Equilibrium and Demand

Consumer's equilibrium - meaning of utility, marginal utility, law of diminishing marginal utility, conditions of consumer's equilibrium using marginal utility analysis.

Indifference curve analysis of consumer's equilibrium-the consumer's budget (budget set and budget line), preferences of the consumer (indifference curve, indifference map) and conditions of consumer's equilibrium.

Demand, market demand, determinants of demand, demand schedule, demand curve and its slope, movement along and shifts in the demand curve; price elasticity of demand - factors affecting price elasticity of demand; measurement of price elasticity of demand – percentage-change method.Part A: Statistics for Economics

#### Unit 3: Statistical Tools and Interpretation

Measures of Dispersion - absolute dispersion standard deviation); relative dispersion co-

efficient of variation)

**Correlation** – meaning and properties, scatter diagram; Measures of correlation - KarlPearson's method (two variables ungrouped data)

**Introduction to Index Numbers** - meaning, types - wholesale price index, consumer priceindex, uses of index numbers; Inflation and index numbers.

### Part B: Introductory Microeconomics

#### Unit 6: Producer Behaviour and Supply

Meaning of Production Function – Short-Run and Long-Run Total Product, Average Product and Marginal Product.

Returns to a Factor

Cost: Short run costs - total cost, total fixed cost, total variable cost; Average cost; Average fixed cost, average variable cost and marginal cost-meaning and their relationships.

Revenue - total, average and marginal revenue - meaning and their relationship.

Supply, market supply, determinants of supply, supply schedule, supply curve and its slope, movements along and shifts in supply curve, price elasticity of supply; measurement of price elasticity of supply - percentage-change method.

Unit 7: Forms of Market and Price Determination under Perfect Competition with simpleapplications.

Perfect competition - Features; Determination of market equilibrium and effects of shifts in demand and supply.

Simple Applications of Demand and Supply: Price ceiling, price floor.

### ECONOMICS (Code No. 030)

#### (2021-22)

#### **CLASS XII - TERM-WISE CURRICULUM**

TERM 1 - MCQ BASED QUESTION PAPER Theory: 40 Marks Time: 90 minutes	Marks	Periods
Part A: Introductory Macroeconomics		
Money and Banking	6	8
Government Budget and the Economy	6	15
Balance of Payments		7
Sub Total	18	30
Part B: Indian Economic Development		
<ul> <li>Development Experience (1947-90) and Economic Reforms since 1991:</li> <li>Indian Economy on the eve of Independence</li> <li>Indian Economy (1950-90)</li> <li>Liberalisation, Privatisation and Globalisation : An Appraisal</li> </ul>	12	28

<ul> <li>Current challenges facing Indian Economy</li> <li>Poverty</li> <li>Human Capital Formation</li> <li>Rural development</li> </ul>	10	17
Sub Total	22	45
Total	40	75
Project Work (Part 1): 10 Marks		

Students would prepare only ONE project in the entire academic session, which is divided into 2 terms

i.e. Term I and Term II.

### <u>Term 1</u>

#### **Part A: Introductory Macroeconomics**

#### **Unit 2: Money and Banking**

Money - meaning and supply of money - Currency held by the public and net demand depositsheld by commercial banks.

Money creation by the commercial banking system.

Central bank and its functions (example of the Reserve Bank of India): Bank of issue, Govt.Bank, Banker's Bank, Control of Credit

#### Unit 4: Government Budget and the Economy

Government budget - meaning, objectives and components.

Classification of receipts - revenue receipts and capital receipts; classification of expenditure -revenue expenditure and capital expenditure.

Measures of government deficit - revenue deficit, fiscal deficit, primary deficit their meaning.

#### Unit 5: Balance of Payments

Balance of payments account - meaning and components;

Foreign exchange rate - meaning of fixed and flexible rates and managed floating.

#### **Part B: Indian Economic Development**

#### Unit 6: Development Experience (1947-90) and Economic Reforms since 1991 28 Periods

A brief introduction of the state of Indian economy on the eve of independence.Indian economic system and common goals of Five Year Plans.

### 8 Periods

#### 15 Periods

7 Periods

Main features, problems and policies of agriculture (institutional aspects and new agricultural strategy), industry (IPR 1956; SSI – role & importance) and foreign trade.

#### **Economic Reforms since 1991:**

Features and appraisals of liberalisation, globalisation and privatisation (LPG policy);Concepts of demonetization and GST

#### **Unit 7: Current challenges facing Indian Economy**

#### 17 Periods

Poverty- absolute and relative; Main programmes for poverty alleviation: A critical assessment;

Human Capital Formation: How people become resource; Role of human capital in economicdevelopment;

Rural development: Key issues - credit and marketing - role of cooperatives; agriculturaldiversification;

TERM 2 - SUBJECTIVE QUESTION PAPER		Periods
Theory: 40 Marks Time: 2 Hours		
Part A: Introductory Macroeconomics		
<ul> <li>National Income and Related Aggregates</li> </ul>	10	23
<ul> <li>Determination of Income and Employment</li> </ul>	12	22
Sub Total	22	45
Part B: Indian Economic Development		
Current challenges facing Indian Economy     Employment     Infrastructure     Sustainable Economic Development		
<ul> <li>Development Experience of India – A Comparison with Neighbours-</li> <li>Comparative Development Experience of India and its Neighbours</li> </ul>		12
Sub Total	18	30
Total	40	75
Project Work: 10 Marks		

#### Term – II

#### Part A: Introductory Macroeconomics

#### **Unit 1: National Income and Related Aggregates**

23 Periods

What is Macroeconomics?

Basic concepts in macroeconomics: consumption goods, capital goods, final goods, intermediate goods; stocks and flows; gross investment and depreciation.

Circular flow of income (two sector model); Methods of calculating National Income - ValueAdded or Product method, Expenditure method, Income method.

Aggregates related to National Income:

Gross National Product (GNP), Net National Product (NNP), Gross Domestic Product (GDP) and Net Domestic Product (NDP) - at market price, at factor cost; Real and Nominal GDP.

GDP and Welfare

#### **Unit 3: Determination of Income and Employment**

Aggregate demand and its components.

Propensity to consume and propensity to save (average and marginal).Short-

run equilibrium output; investment multiplier and its mechanism. Meaning

of full employment and involuntary unemployment.

Problems of excess demand and deficient demand; measures to correct them - changes in government spending, taxes and money supply through Bank Rate, CRR, SLR, Repo Rate and Reverse Repo Rate, Open Market Operations, Margin requirement.

#### Part B: Indian Economic Development

#### Unit 7: Current challenges facing Indian Economy

**Employment**: Growth and changes in work force participation rate in formal and informal sectors; problems and policies

Infrastructure: Meaning and Types: Case Studies: Health: Problems and Policies- A criticalassessment;

**Sustainable Economic Development**: Meaning, Effects of Economic Development onResources and Environment, including global warming

#### **Unit 8: Development Experience of India:**

A comparison with neighbours India and Pakistan

India and China

Issues: economic growth, population, sectoral development and other Human Development Indicators

#### Part C: Project in Economics

Prescribed Books:

- 1. Statistics for Economics, NCERT
- 2. Indian Economic Development, NCERT
- 3. Introductory Microeconomics, NCERT
- 4. Macroeconomics, NCERT
- 5. Supplementary Reading Material in Economics, CBSE

**12 Periods** 

22 Periods

15 Periods

18 Periods

oformal

### ACCOUNTANCY (Code No. 055)

### Accountancy (Code No.055)

#### **Course Structure**

### Class-XI (2021-22)

	TERM – 1 (MCQ BASED QUESTION PAPER) THEORY :40 MARKS TIME: 90 minutes	MARKS
	Part A: FINANCIAL ACCOUNTING-I	
	<u>UNIT 1</u>	
	THEORETICAL FRAMEWORK:	
1	INTRODUCTION TO ACCOUNTING	12
2	THEORY BASE OF ACCOUNTING	
	UNIT 2	
	ACCOUNTING PROCESS:	28
	RECORDING OF BUSINESS TRANSACTIONS, BANK RECONCILIATION STATEMENT,	
	DEPRECIATION, PROVISIONS AND RESERVES	
	TOTAL	40
	Project Work (Part -1): 10 Marks	

### **PART A: FINANCIAL ACCOUNTING - I**

#### Unit-1: Theoretical Framework

Units/Topics	Learning Outcomes		
Introduction to Accounting	After going through this Unit, the students will be		
• Accounting- concept, objectives, advantages	able to:		
and limitations, types of accounting	• describe the meaning, significance,		
information; users of accounting information	objectives, advantages and limitations of		
and their needs. Qualitative Characteristics	accounting in the modem economic		
ofAccounting Information. Role of	environment with varied types of		
Accounting inBusiness.	businessand non-business economic		
Basic Accounting Terms- Business	entities.		
Transaction, Capital, Drawings. Liabilities	• identify / recognise the individual(s) and		
(Non Current and Current). Assets (Non	entities that use accounting information		
Current, Current); Fixed assets (Tangible	forserving their needs of decision		
andIntangible), Expenditure (Capital and	making.		
Revenue), Expense, Income, Profit, Gain,	• explain the various terms used in		
Loss, Purchase, Sales, Goods, Stock, Debtor,	accountingand differentiate between		
Creditor, Voucher, Discount (Trade discount	different related terms like current and		
and Cash Discount)	non-current, capital and revenue.		
	• give examples of terms like business		
	transaction, liabilities, assets,		
	expenditureand purchases.		

#### Theory Base of Accounting

- Fundamental accounting assumptions: GAAP: Concept
- Business Entity, Money Measurement, Going Concern, Accounting Period, Cost Concept, Dual Aspect, Revenue Recognition, Matching, Full Disclosure, Consistency, Conservatism, Materiality and Objectivity
- System of Accounting. Basis of Accounting: cash basis and accrual basis
- Accounting Standards: Applicability in IndAS
- Goods and Services Tax (GST): Characteristics and Objective.

- explain that sales/purchases include both cash and credit sales/purchases relating tothe accounting year.
- differentiate among income, profits and gains.
- state the meaning of fundamental accountingassumptions and their relevance in accounting.
- describe the meaning of accounting assumptions and the situation in which an assumption is applied during the accountingprocess.
- explain the meaning and objectives of accounting standards.
- appreciate that various accounting standardsdeveloped nationally and globally are in practice for bringing parity in the accounting treatment of different items.
- acknowledge the fact that recording of accounting transactions follows double entrysystem.
- explain the bases of recording accountingtransaction and to appreciate that accrualbasis is a better basis for depicting the correct financial position of an enterprise.
- Understand the need of IFRS
- Explain the meaning, objective andcharacteristic of GST.

### **Unit-2: Accounting Process**

Units/Topics	Learning Outcomes		
Recording of Business Transactions	After going through this Unit, the students will be		
Voucher and Transactions: Source	able to:		
documents and Vouchers, Preparation of	• explain the concept of accounting equation		
Vouchers, Accounting Equation Approach:	and appreciate that every transaction		
Meaning and Analysis, Rules of Debit and	affectseither both the sides of the		
Credit.	equation or a positive effect on one item		
Recording of Transactions: Books of Original	and a negative		
	90 effect on another item on the same side of		

Entry- Journal

- Special Purpose books:
- Cash Book: Simple, cash book with bank column and petty cashbook
- Purchases book
- Sales book
- Purchases return book
- Sales return book

# Note: Including trade discount, freight and cartage expenses for simple GST calculation.

 Ledger: Format, Posting from journal andsubsidiary books, Balancing of accounts

#### **Bank Reconciliation Statement:**

• Need and preparation.

#### **Depreciation, Provisions and Reserves**

- Depreciation: Concept, Features, Causes, factors
- Other similar terms: Depletion andAmortisation
- Methods of Depreciation:
  - i. Straight Line Method (SLM)
  - ii. Written Down Value Method (WDV)

#### Note: Excluding change of method

- Difference between SLM and WDV; Advantages of SLM and WDV
- Accounting treatment of depreciation
  - i. Charging to asset account
  - ii. Creating provision for
  - depreciation/accumulated
  - depreciationaccount
- Provisions and Reserves: Difference
- Types of Reserves:
  - i. Revenue reserve
  - ii. Capital reserve
  - iii. General reserve
  - iv. Specific reserve

accounting equation.

- explain the effect of a transaction (increase ordecrease) on the assets, liabilities, capital, revenue and expenses.
- appreciate that on the basis of source documents, accounting vouchers are prepared for recording transaction in thebooks of accounts.
- develop the understanding of recording oftransactions in journal and the skill of calculating GST.
- explain the purpose of maintaining a Cash Book and develop the skill of preparing the format of different types of cash books and the method of recording cash transactions inCash book.
- describe the method of recording transactions other than cash transactions as per their nature in different subsidiary books.
- appreciate that at times bank balance as indicated by cash book is different from thebank balance as shown by the pass book /bank statement and to reconcile both the balances, bank reconciliation statement is prepared.
- develop understanding of preparing bankreconciliation statement.
- appreciate that for ascertaining the position of individual accounts, transactions are posted from subsidiary books and journal proper into the concerned accounts in the ledger and develop the skill of ledger posting.
- explain the necessity of providing depreciation and develop the skill of using different methods for computing depreciation.
- understand the accounting treatment ofproviding depreciation directly to the concerned asset account or by creatingprovision for depreciation account.

v. Secret Reserve	appreciate the need for creating reserves
• Difference between capital and	andalso making provisions for events which
revenuereserve	may belong to the current year but may
	happen innext year.
	appreciate the difference between
	reserveand reserve fund.

	TERM II	
	Theory: 40 Marks	MARKS
	Part A	
	<u>UNIT 2</u>	
	ACCOUNTING PROCESS:	
1	ACCOUNTING FOR BILLS OF EXCHANGE	12
2	TRIAL BALANCE AND RECTIFICATION OF ERRORS	
	Part B: FINANCIAL ACCOUNTING-II	
	UNIT 3	
	FINANCIAL STATEMENTS OF SOLE PROPRIETORSHIP FROM COMPLETE AND	
	INCOMPLETE RECORDS	20
	UNIT 4	
	COMPUTERS IN ACCOUNTING	8
	ΤΟΤΑΙ	40
	PROJECT (PART – 2): 10 MARKS	

#### Accounting for Bills of Exchange

- Bill of exchange and Promissory Note: Definition, Specimen, Features, Parties.
- Difference between Bill of Exchange and Promissory Note
- Terms in Bill of Exchange:
  - i. Term of Bill
  - ii. Accommodation bill (concept)
  - iii. Days of Grace
  - iv. Date of maturity
  - v. Discounting of bill
  - vi. Endorsement of bill
  - vii. Bill after due date
  - viii. Negotiation
  - ix. Bill sent for collection
  - x. Dishonour of bill
- Accounting Treatment

Note: excluding accounting treatment for accommodation bill

#### Trial balance and Rectification of Errors

- Trial balance: objectives and preparation
- (Scope: Trial balance with balance method only)
  - Errors: types-errors of omission, commission, principles, and compensating; their effect on Trial Balance.
  - Detection and rectification of errors; preparation of suspense account.

- acquire the knowledge of using bills of exchange and promissory notes for financingbusiness transactions.
- understand the meaning and distinctive features of these instruments and developthe skills of their preparation.
- state the meaning of different terms used inbills of exchange and their implication in accounting.
- explain the method of recording of billtransactions.
- state the need and objectives of preparingtrial balance and develop the skill of preparing trial balance.
- appreciate that errors may be committedduring the process of accounting.
- understand the meaning of different types oferrors and their effect on trial balance.
- develop the skill of identification and location of errors and their rectification and preparation of suspense account.

### Part B: Financial Accounting - II

### Unit 3: Financial Statements of Sole Proprietorship

	Units/Topics	Learning Outcomes		
Financial Statements		After going through this Unit, the students will be		
Me	eaning, objectives and importance; Revenue and	ab	le to:	
Ca	pital Receipts; Revenue and Capital Expenditure;		•	state the meaning of financial statements the
De	ferred Revenue expenditure.		•	purpose of preparing financial statements.
Tr	ading and Profit and Loss Account: Gross		•	state the meaning of gross profit, operating
Pr	ofit, Operating profit and Net profit.			profit and net profit and develop the skill of
Pr	eparation.			preparing trading and profit and loss
Ва	lance Sheet: need, grouping and marshalling of assets			account.
an	d liabilities. Preparation.		•	explain the need for preparing balance sheet.
Ac	ljustments in preparation of financial statements		•	understand the technique of grouping
wi	th respect to closing stock, outstanding expenses,			andmarshalling of assets and liabilities.
pr	epaid expenses, accrued income, income received in		•	appreciate that there may be certain items
ad	vance, depreciation, bad debts, provision for			other than those shown in trial balance
do	ubtful debts, provision for discount on debtors,			whichmay need adjustments while
Ab	normal loss, goods taken for personal use/staff			preparing financial statements.
we	elfare, interest on capital and managers commission.		•	develop the understanding and skill to do
Pr	eparation of Trading and Profit and Loss account and			adjustments for items and their
Ва	lance Sheet of a sole proprietorship with adjustments.			presentationin financial statements like
				depreciation, closing stock, provisions,
In	complete Records			abnormal loss etc.
Fe	atures, reasons and limitations.		•	develop the skill of preparation of trading
As	certainment of Profit/Loss by Statement of			andprofit and loss account and balance
Af	fairsmethod.			sheet.
			•	state the meaning of incomplete records
				andtheir uses and limitations.
			•	develop the understanding and skill
				ofcomputation of profit / loss using
				the statement of affairs method.

### Unit 4: Computers in Accounting

Units/Topics	Learning Outcomes
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<ul> <li>Introduction to computer and accounting information system {AIS}: Introduction to computers (elements, capabilities, limitationsof computer system)</li> </ul>	<ul> <li>After going through this Unit, the students will be able to:</li> <li>state the meaning of a computer, describe itscomponents, capabilities and limitations.</li> <li>state the meaning of accounting informationsystem.</li> </ul>	
Scope: (i) The scope of the unit is to understand accounting as an information system for the generation of accounting information and preparation of accounting reports. (ii) It is presumed that the working knowledge of any appropriate accounting software will be given to the students to help them learn basic accounting operations on computers.	<ul> <li>appreciate the need for use of computers inaccounting for preparing accounting reports.</li> <li>develop the understanding of comparing themanual and computerized accounting process and appreciate the advantages and limitations of automation.</li> <li>understand the different kinds of accountingsoftware.</li> </ul>	

### Accountancy (Code No. 055)

### <u>(2021-22)</u>

## CLASS XII - CURRICULUM (TERM-WISE)

	TERM -1 (MCQ BASED QUESTION PAPER)	
	Theory:40 Marks Duration: 90 minutes	MARKS
	Part A	
	UNIT	
	ACCOUNTING FOR PARTNERSHIP FIRMS:	18
1	FUNDAMENTALS	
2	CHANGE IN PROFIT SHARING RATIO	
3	ADMISSION OF A PARTNER	
	COMPANY ACCOUNTS:	12
1	ACCOUNTING FOR SHARES	
	PART B	
	ANALYSIS OF FINANCIAL STATEMENTS:	10
1	FINANCIAL STATEMENTS OF A COMPANY	
	(i) Statement of Profit and Loss and Balance Sheet in	
	prescribed form with major headings and sub	
	headings (as per Schedule III to the Companies Act,	
	2013) (ii) Tools of Analysis - Ratio Analysis	
2		
2	ACCOUNTING RATIOS	

	OR	
	COMPUTERISED ACCOUNTING	10
1	OVERVIEW OF COMPUTERISED ACCOUNTING SYSTEM	
2	ACCOUNTING APPLICATION OF ELECTRONIC SPREADSHEET	
	Total	40
	Project Work (Part -1): 10 Marks	

### Part - A:

Unit : Accounting for Partnership FirmsUnits/Topics	Learning Outcomes
Partnership: features, Partnership Deed.	After going through this Unit, the students will beable to:
• Provisions of the Indian Partnership Act 1932in theabsence of partnership deed.	• state the meaning of partnership, partnershipfirm and partnership deed.
<ul> <li>Fixed v/s fluctuating capital accounts. Preparation ofProfit and Loss Appropriationaccount- division of profit among partners, guarantee of profits.</li> <li>Past adjustments (relating to interest on capital, interest on drawing, salary and profitsharing ratio).</li> <li>Goodwill: nature, factors affecting and methods ofvaluation - average profit, superprofit and capitalization.</li> </ul>	<ul> <li>describe the characteristic features of partnershipand the contents of partnershipdeed.</li> <li>discuss the significance of provision of PartnershipAct in the absence of partnershipdeed.</li> <li>differentiate between fixed and fluctuating capital, outline the process and develop the understanding and skill of preparation of Profitand Loss Appropriation Account.</li> <li>develop the understanding and skill of</li> </ul>
<b>Note:</b> Interest on partner's loan is to be treated as a charge against profits.	preparation profit and loss appropriationaccount involving guarantee of profits.
Note: Raising and writing off goodwill is excluded.	<ul> <li>develop the understanding and skill ofmakingpast adjustments.</li> <li>state the meaning, nature and factorsaffecting goodwill</li> </ul>
<ul> <li>Accounting for Partnership firms - Reconstitution</li> <li>Change in the Profit Sharing Ratio amongthe existing partners - sacrificing ratio, gaining ratio, accounting for revaluation of assets and</li> </ul>	<ul> <li>develop the understanding and skill of valuation ofgoodwill using different methods.</li> <li>state the meaning of sacrificing ratio, gainingratio and the change in profit sharing ratio among</li> </ul>
<ul> <li>reassessment of liabilities and treatment of reserves</li> <li>and accumulated profits. Preparation of revaluationaccount and balance sheet.</li> <li>Admission of a partner - effect of admissionof a partner on change in the profit sharing ratio,</li> </ul>	<ul> <li>existingpartners.</li> <li>develop the understanding of accounting treatment of revaluation assets and reassessmentof liabilities and treatment ofreserves and accumulated profits by preparing</li> </ul>
treatmentof goodwill, treatment for revaluation of assets and re- assessment of liabilities, treatment of reserves andaccumulated profits.	<ul> <li>revaluationaccount and balancesheet.</li> <li>explain the effect of change in profit sharingratio onadmission of a new partner.</li> <li>develop the understanding and skill of treatment of goodwill, treatment of revaluation of assets and reassessment of liabilities, treatment of reserves and accumulated profits, and preparation of balance</li> </ul>

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sheetof the new firm.

### Unit - Accounting for Companies

Units/Topics	Learning Outcomes		
Accounting for Share Capital	After going through this Unit, the students will beable to:		
<ul> <li>Share and share capital: nature and types.</li> <li>Accounting for share capital: issue and allotment of equity and preferences shares. Public subscription of shares - over subscription and under subscriptionof shares; issue at par and at premium, calls in advance and arrears (excluding interest), issue of shares for consideration other than cash.</li> <li>Concept of Private Placement and EmployeeStock Option Plan (ESOP).</li> <li>Accounting treatment of forfeiture and re-issue of shares.</li> <li>Disclosure of share capital in the BalanceSheet of a company.</li> </ul>	<ul> <li>state the meaning of share and share capitaland differentiate between equity shares and preferenceshares and different types of share capital.</li> <li>understand the meaning of private placementofshares and Employee Stock Option Plan.</li> <li>explain the accounting treatment of sharecapitaltransactions regarding issue of shares.</li> <li>develop the understanding of accounting treatment of forfeitedshares.</li> <li>describe the presentation of share capital inthe balance sheet of the company as per schedule Illpart I of the Companies Act 2013.</li> </ul>		

### Part - B:

### Unit : Analysis of Financial Statements

Units/Topics	Learning Outcomes
Financial statements of a Company:	After going through this Unit, the students will beable to:
Statement of Profit and Loss and Balance Sheet in prescribed form with major headings and sub headings(as per Schedule III to the Companies Act,2013)	<ul> <li>develop the understanding of major headingsand subheadings (as per Schedule III to theCompanies Act, 2013) of balance sheet as per the prescribed norms / formats.</li> </ul>
from discontinued operations are excluded.	financial statement analysis.
• <b>Financial Statement Analysis:</b> Objectives, importance and limitations.	<ul> <li>discuss the meaning of different tools of financial statements analysis'.</li> </ul>
• Accounting Ratios: Meaning, Objectives, classification and computation.	• state the meaning, objectives and significance of different types of ratios.
<ul> <li>Liquidity Ratios: Current ratio and Quickratio.</li> <li>Solvency Ratios: Debt to Equity Ratio, TotalAsset to Debt Ratio, Proprietary Ratio and interest coverage ratio.</li> <li>Activity Ratios: Inventory Turnover Ratio, Trade Receivables Turnover Ratio, Trade Payables Turnover Ratio and Working CapitalTurnover Ratio.</li> </ul>	<ul> <li>develop the understanding of computation ofcurrent ratio and quick ratio.</li> <li>develop the skill of computation of debt equity ratio, total asset to debt ratio, proprietary ratio and interest coverage ratio.</li> <li>develop the skill of computation of inventoryturnover ratio, trade receivables and trade payables ratio and working capital turnover ratio.</li> <li>develop the skill of computation of gross</li> </ul>

• **Profitability Ratios:** Gross Profit Ratio, Operating Ratio, Operating Profit Ratio, NetProfit Ratio and Return on Investment.

profit ratio, operating ratio, operating profit ratio, net profit ratio and return on investment.

**Note:** Net Profit Ratio is to be calculated on the basis of profit before and after tax.

OR

Part B: Computerised Accounting

#### **Unit : Computerised Accounting**

#### **Overview of Computerised Accounting System**

- Introduction: Application in Accounting.
- Features of Computerised Accounting System.
- Structure of CAS.
- Software Packages: Generic; Specific; Tailored.

#### Accounting Application of Electronic Spreadsheet.

- Concept of electronic spreadsheet.
- Features offered by electronic spreadsheet.
- Application in generating accounting information bank reconciliation statement; asset accounting; loan repayment of loan schedule, ratio analysis
- Data representation- graphs, charts and diagrams.

#### TERM -II

	<u>TERM II</u>	
	Theory: 40 Marks	MARKS
	Part A	
	UNIT	
1	ACCOUNTING FOR NOT-FOR PROFIT ORGANISATIONS	10
	ACCOUNTING FOR PARTNERSHIP FIRMS:	12
1	RETIREMENT AND DEATH OF A PARTNER	
2	DISSOLUTION OF PARTNERSHIP FIRMS	
	COMPANY ACCOUNTS:	8
1	ACCOUNTING FOR DEBENTURES	
	PART B	
	ANALYSIS OF FINANCIAL STATEMENTS:	10
1	FINANCIAL STATEMENTS OF A COMPANY	
	(i) COMPARATIVE AND COMMON SIZE STATEMENTS	
2	CASH FLOW STATEMENT	
	OR	
	COMPUTERISED ACCOUNTING	10
1	USING COMPUTERISED ACCOUNTING SYSTEM	
2	DATABASE MANAGEMENT SYSTEM	
	Total 198	40

# Part - A: Unit : Accounting for Not – For Profit Organisations

Units/Topics	Learning Outcomes		
Not-for-profit organizations: concept.	After going through this Unit, the students will be		
Receipts and Payments Account: features	able to:		
and preparation.	<ul> <li>state the meaning of a Not-for-profit</li> </ul>		
Income and Expenditure Account:	organisation and its distinction from a		
features, preparation of income and	profitmaking entity.		
expenditure account and balance sheet	<ul> <li>state the meaning of receipts and</li> </ul>		
from the given receipts and payments	paymentsaccount, and understanding its		
account with additional information.	features.		
Scope:	• develop the understanding and skill of		
(i) Adjustments in a question should not exceed 3 or 4	preparing receipts and payments		
in number and restricted to subscriptions,consumption	account.		
of consumables and sale of assets/ old material.	<ul> <li>state the meaning of income and</li> </ul>		
(ii) Entrance/admission fees and general donations	expenditureaccount and understand its		
are to be treated as revenue receipts.	features.		
(iii) Trading Account of incidental activities is not to be	• develop the understanding and skill of		
prepared.	preparing income and expenditure		
	accountand balance sheet of a not-for-		
	profit organisation with the help of given		
	receiptsand payments account and		
	additional information.		

#### Unit : Accounting for Partnership Firms

Accounting for Partnership firms - Reconstitution	
and Dissolution.	
<ul> <li>Retirement and death of a partner: effect of retirement / death of a partner on change in profit sharing ratio, treatment of goodwill, treatment for revaluation of assets and reassessment of liabilities, adjustment of accumulated profits and reserves and preparation of balance sheet.</li> <li>Calculation of deceased partner's share of profit till the date of death.</li> </ul>	<ul> <li>explain the effect of retirement / death of apartner on change in profit sharing ratio.</li> <li>develop the understanding of accounting treatment of goodwill, revaluation of assetsand re-assessment of liabilities and adjustment of accumulated profits and reserves on retirement / death of a partner.</li> </ul>
	develop the skill of calculation of deceased

Dissolution of a partnership firm: meaning of	partner's share till the time of his death.			
dissolution of partnership and partnership firm,	• discuss the preparation of the capital			
typesof dissolution of a firm. Settlementof	accounts of the remaining partners and			
accounts - preparation of realization account, and	thebalance sheet of the firm after			
other related accounts: capitalaccounts of partners	retirement / death of a partner.			
and cash/banka/c (excluding piecemeal	• understand the situations under which			
distribution, sale to a company and insolvency of	apartnership firm can be dissolved.			
partner(s)).	develop the understanding of			
Note:	preparationof realisation account and			
(i) If realized value of an asset is not given, it is	other related accounts.			
tobe presumed that it has not realised any				
amount.				
<ul><li>(ii) If a partner has borne and/ or paid the realisationexpenses, it should be stated.</li></ul>				

#### Unit - Accounting for Companies

Units/Topics	Learning Outcomes		
Accounting for Debentures	After going through this Unit, the students will be		
<ul> <li>Debentures: Issue of debentures at par, at a premium and at a discount. Issue of debentures for consideration other than cash; Issue of debentures with terms of redemption; debentures as collateral security-concept, interest on debentures. Writing off discount / loss on issue of debentures.</li> </ul>	<ul> <li>able to:</li> <li>explain the accounting treatment of different categories of transactions related to issue of debentures.</li> <li>develop the understanding and skill of writing of discount / loss on issue of debentures.</li> <li>understand the concept of collateral</li> </ul>		
Note: Discount or loss on issue of debentures to be written off in the year debentures are allotted from Security Premium Reserve/ Capital Reserve/ Statement of Profit and Loss as Financial Cost (AS16) in that order.	<ul> <li>security and its presentation in balance sheet.</li> <li>develop the skill of calculating interest on</li> <li>debentures and its accountingtreatment.</li> <li>state the meaning of redemption ofdebentures.</li> </ul>		
Note: Related sections of the Companies Act, 2013will apply. Concept of Tax Deducted at Source (TDS) is			

### <u> Part – B:</u>

200

### Unit : Analysis of Financial Statements

Units/Topics	Learning Outcomes
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Financial statements of a Company:	After going through this Unit, the students will beable to:	
Tools for Financial Statement Analysis:     Comparative statements, common size statements.	<ul> <li>develop the understanding and skill of preparation of comparative and common sizefinancial statements.</li> </ul>	

#### **Cash Flow Statement**

Units/Topics	Learning Outcomes
Meaning, objectives and preparation (as perAS 3     (Revised) (Indirect Method only)  Note:	<ul> <li>After going through this Unit, the students willbe able to:</li> <li>state the meaning and objectives of cash flow statement.</li> <li>develop the understanding of preparation of Cash</li> </ul>
<ul> <li>(i) Adjustments relating to depreciation and amortization, profit or loss on sale of assets includinginvestments, dividend (both final and interim) and tax.</li> <li>(ii) Bank overdraft and cash credit to be treated asshort term borrowings.</li> <li>(iii) Current Investments to be taken as Marketable securities unless otherwise specified.</li> </ul>	Flow Statement using indirect methodas per AS 3 with given adjustments.

OR

### Part B: Computerised Accounting

#### Unit : Computerised Accounting

#### Using Computerized Accounting System.

- Steps in installation of CAS, codification and Hierarchy of account heads, creation of accounts.
- Data: Entry, validation and verification.
- Adjusting entries, preparation of balance sheet, profit and loss account with closing entries and opening entries.
- Need and security features of the system.

#### Database Management System (DBMS)

- Concept and Features of DBMS.
- DBMS in Business Application.
- Generating Accounting Information Payroll.

#### **Prescribed Books:**

Financial Accounting -I	Class XI	NCERT Publication
Accountancy -II	Class XI	NCERT Publication
Accountancy -I	Class XII	NCERT Publication
Accountancy -II	Class XII	NCERT Publication
Accountancy - Computerised Accounting System	Class XII	NCERT Publication

परीक्षा भार विभाजन प्रथम सत्र					
		विषयवस्तु		उप भार	कुलभार
1	निम्नि	लेखित से चिंतन क्षमता एवं अभिट्यक्ति कौशल पर आधारित बहुविकल्पी प्रश्न।			10
	एक अप	ठित गद्यांश 150 से 200 शब्दों का (1x5:	=5) विकल्प सहित	5	1
	एक अप	ठित काटयांश 150 से 200 शब्दों का (1x	5=5) विकल्प सहित	5	1
2	ट्याकरण	ग के लिए निर्धारित विषयों पर विषय-वस्तु •	का बोध, भाषिक बिंदु /संरचना आदि पर		
	बीस में	से सोलह बहुविकल्पी प्रश्नों का उत्तर देना ह	ोगा (1x16)		
	1	शहद निर्माण- उपसर्ग - 2 अंक, प्रत्यय - 2	? अंक, समास - 4 अंक	8	16
	2	अर्थकी इण्टि से वाक्य भेद 4 अंक		4	]
	3	अलंकार - (शहदालंकार: अनुपास, यमक, श्ले	रेष) (अर्थालंकार : उपमा, रूपक, उत्प्रेक्षा,	4	1
		अतिशयोगित, मानवीकरण)			
з	पाठ्यपुः	ਸ਼ਿਆ ਅੰਗਿੰਗ ਅਗਗ - 2			
	अ	गद्य खंड		7	
	1	क्षिंतिज से निर्धारित पाठों में से गद्यांश ने	ग आधार पर विषय-वस्तु का ज्ञान बोध,	5	1
		अभिट्यमित आदि पर पाँच बहुविकल्पी प्रश्न पूछे जाएंगे। (1x5)			
	2	क्षितिज से निर्धारित गद्य पाठों के आधार पर विद्यार्थियों की उच्च चिंतन क्षमताओं			1
		एवं अभिव्यक्ति का आकलन करने हेतु दो बहुविकल्पीय प्रश्न पूछे जाएंगे। (1x2)			14
	ब	ন্যাব্য ভার			]
	1	क्षितिज से निर्धारित कविताओं में से काट्यांश के आधार पर पाँच बहुविकल्पीय			
		प्रश्न पूछे जाएंगे (1x5)			
	2	भितिज से निर्धारित कविताओं के आधार पर विद्यार्थियों का काट्य बोध परखने		2	
		हेतु दो बहुविकल्पीय प्रश्न पूछे जाएंगे। (1x2)			
		आंतरिक मूल्याङ्कन			10
	अ	सामयिक आकलन		2.5	]
	ब	बहुविध आकलन		2.5	
	स	पोर्टफोलियो			]
	द	अवण एवं वाचन			
		শূত			50
सत्र-1) 2021-22 में निम्नलिखित पाठ सम्मिलित किए गए हैं – पाठ्यपुस्तक क्षितिज भाग -1					
गद्	य - खंड		नगटय - खंड		
ਪੈਸਾ	चंद - दो ब	রাঁ কী কথা	कबीर - साखियाँ और सबद (पद) 1 (मोकों न	म्हॉ टूंटे बंदे)	
राहर	राहुल सांकृत्यायन - ल्हासा की और ललद्यद - वाख				
			रसखान – सवये		

हिंदी पाठ्यक्रम - अ (कोड सं. - 002) कक्षा 9वीं हिन्दी अ -परीक्षा हेतु पाठ्यक्रम विनिर्देशन 2021-22

हिंदी पाठ्यक्रम - अ (कोड सं.	- 002) कक्षा 9वीं हिल्दी अ -	परीक्षा हेतु पाठ्यक्रम विनिर्देशन 2021-22
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	परीक्षा भार विभाजन प्रथम सत्र			
		विषयवस्तु	उप भार	कुलभार
1	निम्नलिखित से चिंतन क्षमता एवं अभिव्यक्ति कौशल पर आधारित बहुविकल्पी प्रश्न।			10
	एक अपठित गद्यांश 150 से 200 शब्दों का (1x5=5) विकल्प सहित			
	एक अप	गठित काव्यांश  150 से 200 शब्दों का (1x5=5) विकल्प सहित	5	]
2	व्याकरण	ग के लिए निर्धारित विषयों पर विषय-वस्तु का बोध, भाषिक बिंदु /संरचना आदि पर		
	बीस में	से सोलह बहुविकल्पी प्रश्नों का उत्तर देना होगा (1x16)		
	1	शब्द निर्माण- उपसर्ग - 2 अंक, प्रत्यय - 2 अंक, समास - 4 अंक	8	16
	2	अर्थ की दृष्टि से वाक्य भेद 4 अंक	4	
	3	अलंकार - (शब्दालंकार: अनुप्रास, यमक, श्लेष) (अर्थालंकार : उपमा, रूपक, उत्प्रेक्षा,	4	]
		अतिशयोक्ति, मानवीकरण)		
3	पाठ्यपुर	स्तक क्षितिज भाग - 2		
	अ	गद्य खंड	7	
	1	क्षितिज से निर्धारित पाठों में से गद्यांश के आधार पर विषय-वस्तु का ज्ञान बोध,	5	
		अभिव्यक्ति आदि पर पाँच बहुविकल्पी प्रश्न पूछे जाएंगे। (1x5)		
	2	क्षितिज से निर्धारित गद्य पाठों के आधार पर विद्यार्थियों की उच्च चिंतन क्षमताओं	2	1
		एवं अभिव्यक्ति का आकलन करने हेतु दो बहुविकल्पीय प्रश्न पूछे जाएंगे। (1x2)		14
	ब	काव्य खंड	7	
	1	क्षितिज से निर्धारित कविताओं में से काव्यांश के आधार पर पाँच बहुविकल्पीय	5	
		प्रश्न पूछे जाएंगे (1x5)		

2	े. से निर्धारित कविताओं के आधार पर विद्यार्थियों का काव्य बोध परखने	2	
	हेतु दो बहुविकल्पीय प्रश्न पूछे जाएंगे। (1x2)		
	आंतरिक मूल्याङ्कन		10
अ	सामयिक आकलन	2.5	
ब	बहुविध आकलन	2.5	
स	पोर्टफोलियो	2.5	
द	श्रवण एवं वाचन	2.5	
	कुल		50

सत्र-1 2021-22 में निम्नलिखित पाठ सम्मिलित किए गए हैं – पाठ्यपुस्तक क्षितिज भाग -1

गद्य - खंड	काव्य - खंड
प्रेमचंद - दो बैलों की कथा	कबीर - साखियाँ और सबद (पद) 1 (मोकों कहाँ ढूँढे बंदे)
राहुल सांकृत्यायन - ल्हासा की ओर	ललद्यद - वाख
	रसखान – सवैये

	हिंदी पाठ्यक्रम - अ (कोड सं 002) कक्षा 9वीं हिन्दी अ परीक्षा भार विभाजन सत्र 2					
विष	विषयवस्तु 3					
1	पाट	्यपुस्तक क्षितिज भाग - 1 व पूरक पाठ्यपुस्तक कृतिका भाग - 1		20		
	अ	गद्य खंड		1		
	क्षि चार	तिज से निर्धारित पाठों के आधार पर विषय-वस्तु का ज्ञान बोध, अभिव्यक्ति आदि पर 1 प्रश्न पूछे जाएंगे। (2x4)	8			
	ब	काव्य खंड		1		
	क्षि प्रश	तिज से निर्धारित कविताओं के आधार पर विद्यार्थियों का काव्य बोध परखने हेतु तीन न पूछे जाएंगे। (2x3)	6			
	स	पूरक पाठ्यपुस्तक कृतिका भाग - 1		1		
	कृति	तेका के निर्धारित पाठों पर आधारित दो प्रश्न पूछे जाएंगे । (3x2)	6	1		
2	लेख	ान		20		
	अ	विभिन्न विषयों और संदर्भों पर विद्यार्थियों के तर्कसंगत विचार प्रकट करने की क्षमता को परखने के लिए संकेत बिंदुओं पर आधारित समसामयिक एवं व्यावहारिक जीवन से जुड़े हुए विषयों में से किन्हीं तीन विषयों में से किसी एक विषय पर लगभग 150 शब्दों में अनुच्छेद। (5x1)	5			
	ब	अभिव्यक्ति की क्षमता पर केन्द्रित औपचारिक तथा अनौपचारिक विषयों में 120	5	1		

	स	किन्ही दो स्थितियों पर लगभग 40 शब्दों के दो संवाद लेखन (2.5 अंक x2 प्रश्न) (विकल्प सहित)	5	
	द	लघु-कथा लेखन लगभग 120 शब्दों में (विकल्प सहित)	5	
3	3 आंतरिक मूल्याङ्कन			10
	अ	सामयिक आकलन	2.5	
	ब	बहुविध आकलन	2.5	
	स	पोर्टफोलियो	2.5	

	द	পৰ্ণ ঘৰ বাঘন	2.5	
कुल			50	

निर्धारित पुस्तकें :

- क्वितिज, भाग-1, एन.सी.ई.आर.टी., नई दिल्ली द्वारा प्रकाशित नवीनतम संस्करण
- कृतिका, भाग-1, एन.सी.ई.आर.टी., नई दिल्ली द्वारा प्रकाशित नवीनतम संस्करण

सत्र-2) 2021-22 में निम्नलिखित पाठ सम्मिलित किए गए हैं –

पाठ्यपुस्तक क्षितिज भाग -1

गद्य – खंड

- जाबिर हुसैन साँवले सपनों की याद
- हरिशंकर परसाई प्रेमचंद के फटे जूते

काव्य - खंड

- माखनलाल चतुर्वेदी कैदी और कोकिला
- राजेश जोशी बच्चे काम पर जा रहे हैं

अनुपूरक पाठ्यपुस्तक कृतिका भाग -1

सत्र -2 2021-22 में निम्नलिखित पाठ सम्मिलित किए गए हैं –

- मृदुला गर्ग मेरे संग की औरतें
- विंद्यासागर नौटियाल माटी वाली
- जगदीश चंद्र माथुर रीढ़ की हड्डी

टिंटी पाठराकम भ (कोट में 002) कथा 10वीं दिंटी - भ प्रमीश्म देन पाठराकम विनिर्देशन 2021 (				
ואמו יוטאאייד -טו נאיוס ל. טעבו איגוו וטעו ואמו - טו יונאו אלו יוטאאיד עוטענט בעבו-ע	हिंदी पाठयक्रम -अ	(कोड सं. 002) कक्षा	10वीं हिंदी - अ परीक्षा हेत	पाठयक्रम विनिर्देशन 2021-22

			परीक्षा भार विभाजन सत्र 1		
			विषयवस्तु	उप भार	कुलभार
1	अपति	ठेत गद	यांश व कावयांश पर चिंतन क्षमता एवं अभिव्यक्ति कौशल पर आधारित		10
	बहुवि	कल्पी	प्रश्न।		
	अ		एक अपठित गदयांश 150 से 200 शब्दों का (1x5=5) विकल्प सहित	5	
	ब		एक अपठित काव्यांश 150 से 200 शब्दों का (1x5=5) विकल्प सहित	5	
2	2 व्याकरण के लिए निर्धारित विषयों पर विषय-वस्तु का बोध, भाषिक बिंदू /संरचना आदि पर		बहुविकल्पी	16	
	प्रश्न	प्रश्न (	(1x16) कुल 20 प्रश्न पूछे जाएँगे जिसमें से केवल 16 प्रश्नों के उत्तर देने होंग	गे।	
	1	रचन	ा के आधार पर वाक्य भेद (4 अंक)	4	
	2	वाच्य	ग (4 अंक)	4	
	3	पद प	परिचय (4 अंक)	4	
	4	रस	(4 अंक)	4	
3	पाठ्य	गपुस्तक	क्षिंतिज भाग - 2		
	अ	गद्य	खंड	7	
	1	क्षितिः	ज से निर्धारित पाठों में से गदयांश के आधार पर विषय-वस्तु का ज्ञान बोध,	5	1
		अभिव	यक्ति आदि पर पाँच बहुविकल्पी प्रश्न पूछे जाएँगे। (1x5)		
	2	क्षितिः	ज से निर्धारित गद्य पाठों के आधार पर विद्यार्थियों की उच्च चिंतन क्षमताओं	2	
		एवं अ	भिव्यक्ति का आकलन करने हेतु दो बहुविकल्पी प्रश्न पूछे जाएँगे। (1x2)		14

1	I I			
	ब	काव्य खंड	7	
	1	क्षितिज से निर्धारित कविताओं में से काव्यांश के आधार पर पाँच बहुविकल्पी प्रश्न	5	
		पूछे जाएँगे (1x5)		
	2	क्षितिज से निर्धारित कवितावों के आधार पर विद्यार्थियों का काव्यबोध परखने हेतु	2	
		दो बहुविकल्पी प्रश्न पूछे जाएँगे। (1x2)		
4		आंतरिक मूल्याङ्कन		10
	अ	सामयिक आकलन	2.5	
	ब	बह्विध आकलन	2.5	
	स	पोर्टफोलियो	2.5	
	द	श्रवण एवं वाचन	2.5	
		कुल		50
-				

भारत पाठ्यपुस्तक क्षितिज भाग -2 सत्र 2021-22 सत्र -1 में निम्नलिखित पाठ सम्मिलित किए गए हैं –

गद्य - खंड	काव्य - खंड
स्वयं प्रकाश - नेताजी का चश्मा	सूरदास - पद
रामवृक्ष बेनीपुरी - बालगोबिन भगत	तुलसीदास - राम - लक्ष्मण - परशुराम संवाद

	परीक्षा भार विभाजन सत्र 2				
		विषयवस्तु	उप भार	कुलभार	
1	पाठ्य	पुस्तक क्षितिज भाग - 2 व पूरक पाठ्यपुस्तक कृतिका भाग - 2			
	अ	गद्य खंड			
		क्षितिज से निर्धारित पाठों के आधार पर विषय-वस्तु का ज्ञान बोध, अभिव्यक्ति	8	20	
		आदि पर चार प्रश्न पूछे जाएंगे। (2x4)			
	ब	काव्य खंड			
		क्षितिज से निर्धारित कविताओं के आधार पर विद्यार्थियों का काव्यबोध परखने	6		
		हेतु तीन प्रश्न पूछे जाएँगे। (2x3)			
	स	पूरक पाठ्यपुस्तक कृतिका भाग - 2			
		कृतिका के निर्धारित पाठों पर आधारित दो प्रश्न पूछे जाएँगे । (3x2)	6		
2	लेखन			20	
	अ	विभिन्न विषयों और संदर्भी पर विद्यार्थियों के तर्कसंगत विचार प्रकट करने की	5		
		क्षमता को परखने के लिए संकेत बिंदुओं पर आधारित समसामयिक एवं			
		व्यावहारिक जीवन से जुडे हुए तीन विषयों में से किसी एक विषय पर लगभग			
		150 शब्दों में अनुच्छेद लेखन। (5x1)			
	ब	अभिव्यक्ति की क्षमता पर केन्द्रित औपचारिक अथवा अनौपचारिक विषयों में से	5		
		किसी एक विषय पर लगभग 120 शब्दों में पत्र। (5x1)			
	स	विषय से संबंधित दो विज्ञापनों (प्रत्येक लगभग 50 शब्दों वाला)का लेखन। (2.5 अंक x2	5		
		प्रश्न) (विकल्प सहित)			
	द	संदेश लेखन (शुभकामना, पर्व-त्योहारों एवं विशेष अवसरों पर दिए जाने वाले दो संदेश)	5		
		(प्रत्येक लगभग 40 शब्दों में) (2.5 अंक x2 प्रश्न) (विकल्प संहित)			

3		आंतरिक मूल्याङ्कन		10
	अ	सामयिक आकलन	2.5	
	ब	बहुविध आकलन	2.5	
	स	पोर्टफोलियो	2.5	
	द	श्रवण एवं वाचन	2.5	
		कुल		50

सत्र-2 2021-22 में निम्नलिखित पाठ सम्मिलित किए गए हैं –

पाठ्यपुस्तक क्षितिज भाग -2

काव्य – खंड

1. सूर्यकांत त्रिपाठी 'निराला' - 'उत्साह', 'अट नहीं रही है'

2. ऋतुराज - कन्यादान

गद्य - खंड

- 3. यशपाल लखनवी अंदाज़
- सर्वेश्वर दयाल सक्सेना मानवीय करुणा की दिव्य चमक

अनुपूरक पाठ्यपुस्तक कृतिका भाग -2

- 1. शिवपूजन सहाय माता का अँचल
- 2. कमलेश्वर जॉर्ज पंचम की नाक
- 3. मधु कांकरिया साना साना हाथ जोड़ि

निर्धारित पुस्तकें :

- 1. क्षितिज, भाग-2, एन.सी.ई.आर.टी., नई दिल्ली द्वारा प्रकाशित नवीनतम संस्करण
- 2. कृतिका, भाग-2, एन.सी.ई.आर.टी., नई दिल्ली द्वारा प्रकाशितनवीनतम संस्करण

	परीक्षा भार विभाजन				
		विषयवस्तु	उपभार	कुलभार	
1	अप	ठित गद्यांश (चिंतन क्षमता एवं अभिव्यक्ति कौशल पर बहुविकल्पात्मक प्रश्न पूछे जाएंगे)	1	15	
	अ	दो अपठित गद्यांशों में से कोई एक गद्यांश करना होगा। (450-500 शब्दों के) (1 अंक x 10 प्रश्न)	10	10	
	ब	दो अपठित पद्यांशों में से कोई एक पद्यांश करना होगा। (250-250 शब्दों के) (1 अंक x 5 प्रश्न)	05	05	
2	2 कार्यालयी हिंदी और रचनात्मक लेखन ('अभिव्यक्ति और माध्यम' पुस्तक के आधार पर)		05		
	अ	शब्दकोश से संबंधित 5 बहुविकल्पीय प्रश्न (1 अंक x 5 प्रश्न)	05	05	
3	3 पाठ्यपुस्तक आरोह भाग - 1 से बहुविकल्पात्मक प्रश्न		1	15	
	अ	पठित काट्यांश पर पाँच बहुविकल्पीय प्रश्न (1 अंक x 05 प्रश्न)	05		
	ब	पठित गद्यांश पर पाँच बहुविकल्पीय प्रश्न। (1 अंक x 05 प्रश्न)	05		
	स	पठित पाठो पर पाँच बहुविकल्पीय प्रश्न। (1 अंक x 05 प्रश्न)	05		
4	अनु	पूरक पाठ्यपुस्तक वितान भाग-1 से बहुविकल्पात्मक प्रश्न	(	05	
	अ	पठित पाठों पर पाँच बहुविंकल्पीय प्रश्न। (1 अंक x 05 प्रश्न)	05		

हिंदी (आधार) (कोड सं	302) कक्षा _11वीं (	2021-22)
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5	आंतरिक मूल्याङ्कन		10	
		श्रवण तथा वाचन	10	
कुल अंक			50	

सत्र-1 2021-22 में निम्नलिखित पाठ सम्मिलित किए गए हैं –

### पाठ्यपुस्तक - आरोह भाग – 1

गद्य खंड	काव्य खंड
प्रेमचंद - नमक का दारोगा	कबीर - (i) हम तौ एक एक करि जांनां। (ii) संतों देखत जग बौराना।
कृष्णा सोबती - मियाँ नसीरुद्दीन	मीरा - (i) मेरे तो गिरधर गोपाल, दूसरो न कोई (ii) पग घुंघरू बांधी मीरां
	नाची
शेखर जोशी - गलता लोहा	सुमित्रानंदन पंत - वे आँखें

अभिव्यक्ति और माध्यम	अनुपूरक पाठ्यपुस्तक - वितान भाग – 1
शब्दकोश, संदर्भ ग्रंथों की उपयोगी विधि और परिचय	कुमार गंधर्व - भारतीय गायिकाओं में बेजोड़ : लता मंगेशकर

परीक्षा भार विभाजन द्वितीय सत्र					
विषयवस्तु उप भार कु					
1	<sup>1</sup> कार्यालयी हिंदी और रचनात्मक लेखन				
	1	दी गई स्थिति / घटना के आधार पर रचनात्मक लेखन (विंकल्प सहित) (निबंधात्मक प्रश्न) (5 अंक x 1 प्रश्न)	05		
	2	औपचारिक/अनौपचारिक पत्र (निबंधात्मक प्रश्न) (5 अंक x 1 प्रश्न)	05		
	3	व्यावहारिक लेखन (प्रतिवेदन, प्रेस-विंजप्ति, परिपत्र, कार्यसूची/कार्यवृत्त से संबंधित दो लघु  उत्तरीय प्रश्न - एक तीन व एक दो अंक का) (विंकल्प सहित) (3 अंक x 1 प्रश्न) + (2 अंक x 1 प्रश्न)	05		
	4	जनसंचार माध्यम और पत्रकारिता के विविध आयामों पर से संबंधित दो लघु  उत्तरीय प्रश्न-एक तीन व एक दो अंक का) (विकल्प सहित) (3 अंक x 1 प्रश्न) + (2 अंक x 1 प्रश्न)	05		
पाठ्यपुस्तक आरोह भाग – 2 तथा अनुपूरक पाठ्यपुस्तक वितान भाग-2			20		
	1	काव्य खंड पर आधारित तीन प्रश्नों में से किंन्हीं दो प्रश्नों के उत्तर (लगभग 50-60 शब्दों में) (3 अंक x 2 प्रश्न)	6		
	2	गद्य खंड पर आधारित चार  प्रश्नों में से किन्हीं तीन  प्रश्नों के उत्तर (लगभग 50-60 शब्दों में) (3 अंक x 3 प्रश्न)	9		
	3	अनुपूरक पाठ्यपुस्तक विंतान भाग-2 के पठित पाठों पर तीन अंक का एक तथा दो अंक का एक प्रश्न पूछा जाएगा (विंकल्प सहित) (1 X 3 )+(1 X 2 )	5		

3		आंतरिक मूल्याङ्कन		10
	परि	योजना कार्य	10	
कुल अंक				50

सत्र-2 2021-22 में निम्नलिखित पाठ सम्मिलित किए गए हैं –

### पाठ्यपुस्तक - आरोह भाग – 1

काव्य खंड	गद्य खंड
भवानी प्रसाद मिश्र - घर की याद	कृष्णनाथ - स्पीति में बारिश
दुष्यंत कुमार - गज़ल	कृश्नचंदर - जामुन का पेड़
निर्मला पुतुल - आओ, मिलकर बचाएँ	जवाहरलाल नेहरू - भारत माता

### अभिव्यक्ति और माध्यम

- 1. कार्यालयी लेखन और प्रक्रिया
- 2. स्ववृत्त लेखन और रोजगार संबंधी आवेदन पत्र
- 3. जनसंचार माध्यम
- 4. पत्रकारिता के विविध आयाम

### अनुपूरक पाठ्यपुस्तक - वितान भाग – 1

- 1. अनुपम मिश्र राजस्थान की रजत बूँदें
- 2. बेबी हालदार आलो आँधारि

### प्रस्तावित पुस्तकें:

- 1. अारोह, भाग-1, एन.सी.ई.आर.टी., नई दिल्ली द्वारा प्रकाशित
- 2. वितान भाग-1, एन.सी.ई.आर.टी., नई दिल्ली द्वारा प्रकाशित
- 3. अभिव्यक्ति और माध्यम, एन.सी.ई.आर.टी., नई दिल्ली द्वारा प्रकाशित

### कक्षा 12वीं हिंदी 'आधार' परीक्षा हेतु पाठ्यक्रम विनिर्देशन 2021-2022 (कोड सं. 302) प्रथम सत्र

	परीक्षा भार विभाजन					
	विषयवस्तु उपभार कुलभार					
1	<sup>1</sup> अपठित गद्यांश (चिंतन क्षमता एवं अभिव्यक्ति कौशल पर बहुविकल्पात्मक प्रश्न पूछे जाएंगे) 15			5		
	अ	दो अपठित गद्यांशों में से कोई एक गद्यांश करना होगा। (450-500 शब्दों के) (1 अंक x 10 प्रश्न)	10	10		
	ब	दो अपठित पद्यांशों में से कोई एक पद्यांश करना होगा। (250-250 शब्दों के) (1 अंक x 5 प्रश्न)	05	05		
2	काय	र्गलयी हिंदी और रचनात्मक लेखन ('अभिव्यक्ति और माध्यम' पुस्तक के आधार पर)	0	5		
	अ	अभिंव्यक्ति और माध्यम पुस्तक से बहुविकल्पात्मक प्रश्न (1 अंक x5 प्रश्न)	05	05		
3	पाठ्	यपुस्तक आरोह भाग – 2 से बहुविकल्पात्मक प्रश्न	1	5		
	अ	पठित काव्यांश पर पाँच बहुविंकल्पीय प्रश्न (1 अंक x 05 प्रश्न)	05			
	ब	पठित गद्यांश पर पाँच बहुविकल्पीय प्रश्न। (1 अंक x 05 प्रश्न)	05			
	स	पठित पाठो पर पाँच बहुविकल्पीय प्रश्न। (1 अंक x 05 प्रश्न)	05			
4	अनु	पूरक पाठ्यपुस्तक वितान भाग-2 से बहुविकल्पात्मक प्रश्न	0	5		
	अ	पठित पाठों पर पाँच बहुविकल्पीय प्रश्न। (1 अंक x 05 प्रश्न)	05			

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		स	पठित पाठो पर पाँच बहुविंकल्पीय प्रश्न। (1 अंक x 05 प्रश्न)	05	
	4	अनुपूरक पाठ्यपुस्तक वितान भाग-2 से बहुविकल्पात्मक प्रश्न 05		5	
		अ	पठित पाठो पर पाँच बहुविंकल्पीय प्रश्न। (1 अंक x 05 प्रश्न)	05	
	5	<sup>5</sup> आंतरिक मूल्याङ्कन		10	
		श्रवण तथा वाचन 10			
	कुल अंक			50	

. सत्र-1 2021-22 में निम्नलिखित पाठ सम्मिलित किए गए हैं –

## पाठ्यपुस्तक - आरोह भाग – 2

काव्य खंड	गद्य खंड		
<ol> <li>हरिवंश राय बच्चन - एक गीत</li> </ol>	<ol> <li>महादेवी वर्मा - भक्तिन</li> </ol>		
<ol> <li>कुँवर नारायण - कविता के बहाने</li> </ol>	<ol> <li>जैनेन्द्र कुमार - बाज़ार दर्शन</li> </ol>		
<ol> <li>रघुवीर सहाय - कैमरे में बंद अपाहिज</li> </ol>	<ol> <li>धर्मवीर भारती - काले मेघा पानी दे</li> </ol>		
<ol> <li>गजानन माधव मुक्तिबोध - सहर्ष स्वीकारा है</li> </ol>			
अभिव्यक्ति और माध्यम	अनुपूरक पाठ्यपुस्तक - वितान भाग – 2		
विभिन्न माध्यमों के लिए लेखन	मनोहर श्याम जोशी - सिल्वर वैडिंग		
पत्रकारीय लेखन के विभिन्न रूप और लेखन प्रक्रिया	आनंद यादव - जूझ		

	कक्षा 12वीं हिंदी 'आधार' परीक्षा हेतु पाठ्यक्रम विनिर्देशन 2021-2022 (कोड सं. 302) द्वितीय सत्र				
		विषयवस्तु	उप भार	कुलभार	
1	<sup>1</sup> कार्यालयी हिंदी और रचनात्मक लेखन			20	
	1	दिए गए तीन नए और अप्रत्याशिंत विषयों में से किसी एक विषय पर लगभग 150 शब्दों में रचनात्मक लेखन (5 अंकx1प्रश्न)	05		
	2	औपचारिक विषय से संबंधित पत्र लेखन। (5 अंक x1 प्रश्न) (विकल्प सहित)	05		
	3	कहानी/नाटक की रचना प्रक्रिया पर आधारित दो लघु  उत्तरीय प्रश्न (3 अंक x 1 प्रश्न) + (2 अंक x 1 प्रश्न) (विंकल्प सहित)	05		
	4	समाचार लेखन/फीचर लेखन/आलेख लेखन पर आधारित दो लघु  उत्तरीय प्रश्न (3 अंक x 1 प्रश्न) + (2 अंक x 1 प्रश्न) (विंकल्प सहित)	05		
2	पाठ्यपुस्तक आरोह भाग – २ तथा अनुपूरक पाठ्यपुस्तक वितान भाग-2			20	
	1	काट्य खंड पर आधारित तीन प्रश्नों में से किन्हीं दो प्रश्नों के उत्तर (लगभग 50-60 शब्दों में) (3 अंक x 2 प्रश्न)	6		
	2	गद्य खंड पर आधारित चार  प्रश्नों में से किन्हीं तीन  प्रश्नों के उत्तर (लगभग 50-60 शब्दों में) (3 अंक x 3 प्रश्न)	9		
	3	अनुपूरक पाठ्यपुस्तक विंतान भाग-2 के पठित पाठों पर तीन अंक का एक तथा दो अंक का एक प्रश्न पूछा जाएगा (विंकल्प सहित) (1 X 3 )+(1 X 2 )	5		

3 आंतरिक <i>मूल्याङ्</i> कन			10	
	परियोजना कार्य	10		
कुल अंक				

सत्र-2 2021-22 में निम्नलिखित पाठ सम्मिलित किए गए हैं –

#### पाठ्यपुस्तक - आरोह भाग – 2

काव्य खंड	गद्य खंड
शमशेर बहादुर सिंह - उषा	फणीश्वर नाथ रेणु - पहलवान की ढोलक
तुलसीदास - (i) कवितावली (ii) लक्ष्मण मूर्च्छा और	रज़िया सज्जाद ज़हीर - नमक
राम का विलाप	
फ़िराक गोरखपुरी - (i) रुबाइयाँ (ii) गज़ल	बाबा साहेब भीमराव आंबेडकर - (i) श्रम विभाजन
	और जाति - प्रथा (ii) मेरी कल्पना का आदर्श समाज

### अभिव्यक्ति और माध्यम

- 1. कैसे करें कहानी का नाट्य रूपांतरण
- 2. कैसे बनता है रेडियो नाटक
- 3. नए और अप्रत्याशित विषयों पर लेखन
- पत्रकारीय लेखन के विभिन्न रूप और लेखन प्रक्रिया
- विशेष लेखन स्वरुप और प्रकार

### अनुपूरक पाठ्यपुस्तक - वितान भाग – 2

- 1. ओम थानवी अतीत में दबे पाँव
- 2. ऐन फ्रैंक डायरी के पन्ने

### निर्धारित पुस्तकें:

- 1. अारोह, भाग–2, एन.सी.ई.आर.टी., नई दिल्ली द्वारा प्रकाशित नवीनतम संस्करण
- 2. वितान, भाग–2, एन.सी.ई.आर.टी., नई दिल्ली द्वारा प्रकाशित नवीनतम संस्करण
- 3. अभिव्यक्ति और माध्यम, एन.सी.ई.आर.टी., नई दिल्ली द्वारा प्रकाशित नवीनतम संस्करण

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