

**CHRIST SR. SEC. SCHOOL, GUNA****SYLLABUS – 2023-24****CLASS - XII****SUBJECT: ENGLISH**

Month	Content
April	1.The last lesson 2.Lost spring 3.My mother at sixty-six (poem) 4.The Third level (Supplementary reader) Writing: Notice
June	5.Deep Water 6.The Tiger King Writing: Invitations: Formal & informal
July	7.The Rattrap 8.An Elementary School Classroom in a slum (poem) 9.Keeping quite(poem) 10.Journey to the end of the earth (Supplementary reader) Writing: Reply to the invitation Letter: Application: Biodata
August	11.Indigo 12.A thing of beauty (poem) 13.The enemy (supplementary reader) Writing: Article writing, Report writing Reading section: Practice based on question paper pattern
September	**Revision for Term 1 examination **ASL Term 1
	14.Poets and pancakes
October	15.A road side stand (poem) 16.On the face of it (Supplementary reader)
November	17.The Interview part I & II 18.Aunt Jennifer's Tigers (poem) 19.Going places 20.Memories of childhood I & II (Supplementary reader)
December	**Writing skill revision
January	**Reading Section revision
February	**Revision for pre-board based on question paper pattern

**SUBJECT : Hindi****अप्रैल****पाठ्य पुस्तक आरोह(पद्य)पाठ-1 आत्म परिचय, एकगीत****पुस्तक-वितानपाठ-1सिल्वर वैडिंग****अभिव्यक्ति और माध्यम-पाठ-3विभिन्न माध्यमों के लिए लेखन**

जून+जुलाई PT(P T 1 Exam)

पाठ्य पुस्तक आरोह(गद्य)पाठ-11 भक्तिन

पाठ-12 बाजार दर्शन

आरोह(पद्य)पाठ-2 पतंग

पाठ-3 कविता के बहाने,बात सीधी थी पर

अभिव्यक्ति और माध्यमपाठ-4 पत्रकारीय लेखन के विभिन्न रूप और  
लेखन प्रक्रिया

पी.टी.2परीक्षाहेतु पुनरावृत्ति

अगस्त

पाठ्य पुस्तक आरोह(गद्य)पाठ-3 काले मेघा पानी दे

आरोह(पद्य)पाठ-4 कैमरे में बंद अपाहिज

पूरक पुस्तक वितानपाठ-2 जूझ

अभिव्यक्ति और माध्यम। पाठ-11 कैसेकरेंकहानी का नाट्य रूपांतरण  
सितंबर

अभिव्यक्ति और माध्यमपाठ-5 विशेष लेखन स्वरूप और प्रकार

आरोह (पद्य)। पाठ-6 उषा

अर्ध वार्षिक परीक्षा हेतु पुनरावृत्ति

अक्टूबर

पाठ्य पुस्तक आरोह (गद्य)पाठ-4पहलवानकी ढोलक

आरोह (पद्य)पाठ-7 बादलराग

अभिव्यक्ति और माध्यमपाठ-12 कैसेबनता है रेडियो नाटक

नवंबर

पाठ्य पुस्तकआरोह (गद्य)पाठ-7 शिरीष के फूल

पाठ-8श्रम विभाजन एवमजातिप्रथा,

मेरीकल्पना का आदर्श समाज

आरोह (पद्य)पाठ-8 कवितावली,लक्ष्मण मूर्च्छा और राम  
का विलाप

पाठ-9 रुबाइयां

पाठ्य पुस्तकआरोह(पद्य)पाठ-10छोटा मेराखेत,बगुलों के पंख

अभिव्यक्ति और माध्यमपाठ-13 नए और अप्रत्याशित विषयोंपर  
लेखन

(First Pre-board Examination)

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## **SUBJECT: PHYSICS**

### **I<sup>st</sup> Periodical Test Syllabus**

Chapter–1: Electric charges and fields	(April)
Chapter–2: Electrostatic Potential	(April)

### **Half-yearly Exam**

Chapter–1: Electric charges and fields	(April)	Chapter–2:
Capacitance	(June)	Chapter–
3: Current Electricity	(June)	Chapter–4:
Moving Charges and Magnetism	(July)	Chapter–5:
Magnetism and Matter	(July)	
Chapter–6: Electromagnetic Induction	(July)	

### **II<sup>st</sup> Periodical Test Syllabus**

Chapter–7: Alternating Current	(August)
Chapter–8: Electromagnetic Waves	(August) Chapter–
9: Ray Optics and Optical Instruments	(September)
Chapter–10: Wave Optics	(September)
Chapter–11: Dual Nature of Radiation and Matter	(October)
Chapter–12: Atoms	(October)
Chapter–13: Nuclei	(November)
Chapter–14: Semiconductor Electronics:	(November)

Annual Exam: Full Course

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## **SUBJECT: CHEMISTRY**

### **JUNE 20223:**

1. Solutions

### **JULY 2023:**

1. Electro chemistry
2. Chemical Kinetics

### **AUGUST 2023:**

1. D & f Block Elements
2. Coordination Compounds

### **SEPTEMBER 2023**

1. Haloalkanes & Haloarenes
2. Alcohols, Phenols & Ethers

### **OCTOBER 2023**

1. Aldehydes, Ketones & Carboxylic Acid

### **NOVEMBER 2023**

1. Amines
1. Biomolecules

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## **SUBJECT: MATHEMATICS**

### **April 2022**

1. Chapter: 13 Probability
2. Chapter: 03 Matrices

### **June 2022**

3. Chapter: 12. Linear programming problem

### **July 2022**

4. Chapter: 01 Relation and Function
5. Chapter: 02 Inverse Trigonometric Function

### **August 2022**

6. Chapter: 05 Continuity and Differentiability
7. Chapter: 06 Application of Derivative

### **September 2022**

8. Chapter: 07 Integrals
9. Chapter: 08 Area Bounded Region

### **October 2022**

10. Chapter: 09 Differential Equation
11. Chapter: 10 Vector Algebra

### **November 2022**

12. Chapter: 11 Three-Dimensional Geometry.
13. Chapter: 4 Determinant

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## **SUBJECT: BIOLOGY**

Chapter 2 Sexual Reproduction in Flowering Plants April+June

Chapter 3 Human Reproduction - July

Chapter 4 Reproductive Health - July

Chapter 5 Principles of Inheritance and Variations - July

Chapter 6 Molecular Basis of Inheritance - August

Chapter 7 Evolution - August

Chapter 8 Human Health and Diseases - September

Chapter 10 Microbes in Human Welfare - October

Chapter 11 Biotechnology: Principle and Processes - October

Chapter 12 Biotechnology and its Applications October

Chapter 13 Organisms and Populations - November

Chapter 14 Ecosystem - November

Chapter 15 Biodiversity and Conservation - November

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## **SUBJECT: PHYSICAL EDUCATION**

### **Subject – Physical Education**

- Unit 1 Management of Sporting Events (April)
- Unit 2 Children and Women in Sports (June)
- Unit 3 Yoga as Preventive measure for Lifestyle Disease (July)
- Unit 4 Physical Education and Sports for CWSN (August)
- Unit 5 Sports and Nutrition (August)
- Unit 6 Test and Measurement in Sports (September)

- Unit 7 Physiology and Injuries in Sports (October)
- Unit 8 Biomechanics and Sports (October)
- Unit 9 Psychology and Sports (November)
- Unit 10 Training in Sports (November)

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### Computer Science (083)

Units	Name of topic		Month
Unit I: Computational Thinking and Programming – 2			
1	Revision of Python topics covered in Class XI.		April
2	Functions		
3	Introduction to files		June
	i	Text file	
	ii	Binary file	
	iii	CSV file	
4	Data Structure		July
Unit II: Computer Networks			
1	Evolution of networking		October
2	Data communication terminologies		
3	Transmission media		
4	Network devices		
5	Network topologies and Network types		November
6	Network protocol		
7	Introduction to web services		
Unit III: Database Management			
1	Database concepts		August
2	Relational data model		
3	Structured Query Language		September
4	Interface of python with an SQL database		

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### SUBJECT: ECONOMICS

#### March – April

1. Macroeconomics- national income and related aggregates

#### June- July

2. Indian economy- introduction to Indian economy
3. Macroeconomics -determination of income and employment
4. Indian economy- development experience (1947-90)

#### August

5. Macroeconomics – money and banking
6. Indian economy – economics reforms in 1991

#### September

7. Macroeconomics- government budget and the economy
8. Indian economy – current challenges facing Indian economy (human capital formation, rural development)

## **October**

9. Macroeconomics- Balance of payments

## **November**

10. Indian economy- current challenges facing Indian economy (employment, sustainable economic development)
11. Indian economy- Development experience in India

## **Annual Exam: Full Course**

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### **SUBJECT: BUSINESS STUDIES**

- April – Chapter -1 Nature and significance of management  
Chapter- 2 Principles of management
- July – Chapter- 3 Business environment  
Chapter- 4 Planning
- August – Chapter -5 Organising  
Chapter- 6 Staffing
- September Chapter-7 Directing  
Chapter- 8 Controlling
- October – Chapter- 9 Financial management  
Chapter- 10 Financial market
- November Chapter -11 Marketing management  
Chapter- 12 Consumer protection

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### **SUBJECT: ACCOUNTANCY**

## **April**

1. Financial statements of companies
2. Financial statements analysis
3. Ratio analysis

## **June**

4. Comparative and Common size statements

## **July**

5. Cash flow statements
- Accounting for companies:
6. Issue and forfeiture of Shares

## **August**

7. Issue of Debentures
8. Fundamentals of Partnership firm

## **September**

9. Change in profit sharing ratio among existing partners
10. Admission of a partner

## **October**

11. Retirement of a partner
12. Death of a partner

## **November**

- Dissolution of partnership firm

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