

HANSRAJ MODEL SCHOOL

Senior Secondary Department

Class XI (2024-25)

HALF YEARLY SYLLABUS

S.NO.	SUBJECT	TOPIC(S) TO BE TESTED
1	ACCOUNTANCY	UNIT 1 Theoretical framework UNIT 2 Accounting process Source documents Cash book Subsidiary books Bank reconciliation statement Depreciation
2	BIOLOGY	1. The living world 2. Biological classification 3. Plant Kingdom 4. Animal Kingdom 5. Morphology of flowering plants 6. Cell:the unit of life 7. Biomolecules 8. Cell cycle and cell division 9. Photosynthesis in higher plants 10. Breathing and exchange of gases
3	BUSINESS STUDIES	Chapter 1-Nature and purpose of Business Chapter 2 Forms of Business Organisation including formation of a company Chapter 3 Public , Private and Global Enterprises Chapter 4-Business Services-Insurance .
4	CHEMISTRY	1.Some basic concepts of chemistry 2.Structure of atom 3. Classification of elements and periodicity in properties 4. Chemical Bonding and molecular structure 5. Redox reactions
5	COMPUTER SCIENCE	Chapter 1 Computer System Chapter 2 Encoding Schemes and Number System Boolean Logic Chapter 4 Introduction to Problem Solving Chapter 5 Getting Started with Python Chapter 6 Flow of Control

6	ECONOMICS	STATISTICS FOR ECONOMICS Introduction Collection of data Organisation of data Tabulation of data Presentation of data - Diagrammatic and Graphic Measures of central Tendency- Arithmetic mean MICROECONOMICS Introduction Consumer Equilibrium- Marshallian Utility Analysis only.
7	ENGINEERING GRAPHICS	<ul style="list-style-type: none"> ● Lettering ● Type of lines ● Rectilinear figures ● Circles and tangents ● Projection of points ● Projection of lines ● Projection of planes ● Projection of solids
8	ENGLISH	Reading Section: *Comprehension Passages 2 *Note Making Writing Skills and Grammar: *Posters *Advertisements *Speech Writing *Debate Writing *Sentence Re-ordering *Gap filling *Editing Literature: Hornbill *Portrait.....a Lady *We're not.....die *Discovering Tut.... *A photograph *The Laburnum Top *Voice of the Rain Snapshots *The Summer of Horse *The Address
9	GEOGRAPHY	Book 1 Chapters 1- 4 Book 2

		Chapter 1
10	HOME SCIENCE	CHAPTER 1- Introduction to Home Science CHAPTER 2- Understanding the Self CHAPTER 3 - Food, Nutrition, Health and Fitness CHAPTER 4 - Management of Resources CHAPTER 5- Fabric Around Us CHAPTER 6 - Media and Communication Technology CHAPTER 10 - A. Nutrition, Health and Hygiene N. Resource Availability and Management
11	INFORMATICS PRACTICES	Chapter 1 Computer System Chapter 3 Brief Overview of Python Chapter 4 Working with Lists and Dictionaries(Till Lists)
12	MATHEMATICS	1. Sets 2. Relations and Functions 3. Trigonometric functions 4. Complex Numbers 5. Linear Inequalities 6. Permutations and Combinations 7. Binomial Theorem
13	PHYSICAL EDUCATION	UNIT 1 CHANGING TRENDS AND CAREER IN PHYSICAL EDUCATION UNIT 2 OLYMPISM VALUE EDUCATION UNIT 3 YOGA UNIT 4 PHYSICAL EDUCATION & SPORTS FOR CWSN UNIT 5 UNIT PHYSICAL FITNESS, HEALTH & WELLNESS
14	PHYSICS	Chapter 2 Units and Measurements Chapter 3 Motion in a straight line Chapter4 Motion in a plane Chapter5 Laws of motion Chapter 6 Work Energy Power Chapter 7 System of particles and Rotational motion
15	POLITICAL SCIENCE	1. Constitution: Why and How? 2. Rights in the Indian Constitution 3. Election and Representation 4. Executive 5. Legislature 6. Judiciary 7. Federalism

16	PSYCHOLOGY	<ol style="list-style-type: none"> 1. Chapter -1 What is Psychology 2. Chapter -2 Methods of Enquiry in Psychology 3. Chapter -4 Human Development 4. Chapter-5 Sensory, Attentional and Perceptual Processes 5. Chapter -6 Learning
17	PAINTING	<ol style="list-style-type: none"> 1. Indus Valley Civilization 2. Sunga, kushan and Gupta art.
18	TOURISM	Part- A Employability Skill <ol style="list-style-type: none"> 1. Communication Skills Part- B Subject Specific <ol style="list-style-type: none"> 1. Introduction to tourism 2. Tourism: A Historical Account 3. Concept of Tourism 4. Tourism Components- I
19	WEB APPLICATIONS	PART A Unit 1: Communication Skills-III Unit 3: ICT Skills-III PART B <ul style="list-style-type: none"> · Concept of website, its need and purpose · Types of websites: Static and dynamic website · Languages used for website Development · Introduction to HTML · Basic Tags in HTML · Formatting Tags · Inserting images · Inserting Lists · Ordered Lists · Unordered Lists · Definition Lists · Inserting Tables · Div and Span Tags · Hyperlinks ○ Internal linking ○ External Linking ● Forms · Embedding Audio and Video files in Web pages · Basics of Cascading Style sheets ● Advantages of CSS ● Three ways to implement CSS ○ External Style sheet ○ Internal style sheet ○ Inline style sheet