

SACRED HEART SR. SEC. SCHOOL HALDWANI

SYLLABUS - HALF YEARLY EXAMINATION 2025 -26

SENIOR SECTION – CLASS IX AND X

CLASS IX

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MATHMATICS

- 1- Number system
- 2-Polynomial
- 3-Coordinates geometry
- 4-Linear equations in 2 variabl
- 5-Introduction to euclid geometry
- 6-Lines and angles
- 7-Triangles

Science –

- Chapter – 1: Matter in our surroundings
- Chapter – 2: Is matter around us pure
- Chapter – 5: The fundamental unit of life
- Chapter – 6: Tissue
- Chapter – 7: Motion
- Chapter – 8: Force and laws of motion

SOCIAL SCIENCE

History

- Chapter 1 The French Revolution..
- Chapter 2 Socialism in Europe and the Russian Revolution
- Political Science (Democratic Politics - I
- Chapter 1 What is Democracy?
- Chapter 2 Why Democracy?
- Chapter 3 Constitutional Design
- Chapter 4 Electoral Politics

Economics

- Chapter 1 The Story of Village Palampur
- Chapter 2 People as Resource
- Geography (Contemporary India - I)
- Chapter 1 India – Size and Location
- Chapter 2 Physical Features of India
- Chapter 3 Drainage

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List of map items

Geography (Outline Political Map of India)

Chapter-1: India-Size and Location

India-States with Capitals, Tropic of Cancer, Standard Meridian (Location and Labelling)

Chapter-2: Physical Features of India

Chapter 3 Drainage

List of map items

Geography (Outline Political Map of India)

Chapter-1: India-Size and Location

India-States with Capitals, Tropic of Cancer, Standard Meridian (Location and Labelling)

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 (Location and Labelling)

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

ENGLISH-

The LOST CHILD

The ADVENTURES OF TOTO

ISWARAN The STORYTELLER

IN THE KINGDOM OF FOOLS

The FUN THEY HAD

THE ROAD NOT TAKEN

THE SOUND OF MUSIC

WIND

Grammar

SENTENCES

PARTS OF SPEECH.

EMPLOYABILITY SKILLS - PART A

Unit 1: Communication Skills 1

Session 1: Introduction to Communication 2

Session 2: Verbal Communication 7

Session 3: Non-Verbal Communication 11

Session 4: Writing Skills: Parts of Speech 18

Session 5: Writing Skills: Sentences 26

Session 6: Pronunciation Basics 32

Session 7: Greetings and Introduction 36

Session 8: Talking about Self 41

Session 9: Asking Questions I 45

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Session 10: Asking Questions II 49

Unit 2: Self-Management Skills 55

Session 1: Introduction to Self-management 55

Session 2: Strength and Weakness Analysis 59

Session 3: Self-confidence 66

Session 4: Positive Thinking 71

Session 5: Personal Hygiene 75

Session 6: Grooming 79

Unit 3: Information and Communication Technology Skills 83

Session 1: Introduction to ICT 84

Session 2: ICT Tools: Smartphones and Tablets – I 87

Session 3: ICT Tools: Smartphones and Tablets – II 92

Session 4: Parts of Computer and Peripherals 95

Session 5: Basic Computer Operations 103

Session 6: Performing Basic File Operations 109

Session 7: Communication and Networking –Basics of Internet

Session 8: Communication and Networking –Internet Browsing

Session 9: Communication and Networking –Introduction to e-mail

Session 10: Communication and Networking – Creating an e-mail Account

Session 11: Communication and Networking – Writing an e-mail

Session 12: Communication and Networking – Receiving and Replying to e-mails

INFORMATION TECHNOLOGY (402)

Unit 1 : Introduction to IT–ITeS Industry

Unit 2 : Data Entry and Keyboarding Skills

Unit 3 : Digital Documentation

ARTIFICIAL INTELLIGENCE (417)

Unit 1: AI Reflection, Project Cycle and Ethics

Unit 2: Data Literacy

MARKETING & SALES (412)

Unit 1: Introduction to Marketing and Sales

Unit 2: Concept of Market

PHYSICAL ACTIVITY TRAINER (418)

Unit 1: Role of Physical education in Child Development

Unit 2: Planning Age Appropriate Physical Activity

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CLASS 10th

Science

Chapter-1: Chemical reactions and equations

Chapter-2: Acids, bases, and salts

Chapter-5: Life process

Chapter-6: Control and coordination

Chapter-9: Light – reflection and refraction

Chapter-10: The human eye and the colourful world

English:- First flight:-

1-A letter to God

2-(Poem)Dust of snow
fire and ice

3-Nelson Mandela- long walk to freedom .

* Footprint without feet* :-

1- A Triumph of surgery

2- The thief story

3- The midnight visitor

4- A question of trust

5- Footprints without feet

6- The Making of Scientists

Grammar:-

Unseen passage

Parts of speech

Direct and indirect speech

Maths

Real Numbers,

Polynomials,

Pair of Linear Equations in Two Variables,

Quadratic Equations,.

Arithmetic Progressions,

Triangles,

Coordinate Geometry

Class → 10th Hindi

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Sst:-(History)

- 1-The rise of nationalism in Europe
- 2- Nationalism in India.

(Geography)

- 1- Resource and development
- 2-forest and wildlife resources

(Civics)

- 1- Power sharing.
- 2- Federalism

(Economics)

- 1-Understanding economic development
- 2-Sectors of Indian economy

SKILL SUBJECTS

CLASS X - EMPLOYABILITY SKILLS - PART A

Unit 1 Communication Skills

Session 1 Methods of Communication

Session 2 Verbal Communication

Session 3 Non-verbal Communication

Session 4 Communication Cycle and Importance of Feedback

Session 5 Barriers to Effective Communication

Session 6 Writing Skills — Parts of Speech

Session 7 Writing Skills — Sentences

Unit 2 Self-management Skills

Session 1 Stress Management

Session 2 Self-awareness — Strength and Weakness Analysis

Session 3 Self-motivation

Session 4 Self-regulation — Goal Setting

Session 5 Self-regulation — Time Management

Unit 3 Information and Communication Technology Skills

Session 1 Basic Computer Operations

Session 2 Performing Basic File Operations

Session 3 Computer Care and Maintenance

Session 4 Computer Security and Privacy

BANKING & INSURANCE

UNIT 1: Laws relating to negotiable instruments (NIS)

1.1. Introduction to Negotiable Instruments.

1.2. Types of Negotiable Instruments

1.3. Parties to the bill of exchange

1.4. Crossing of Cheques

UNIT 2: Lending functions of a bank

2.1 Types of Advances- Secured & Unsecured

2.2. Loans: Short, Medium and Long Term

2.3. Methods of Granting Advances

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UNIT 3: Utility services of a bank

3.1 Remittance through Bank Drafts

3.2 E Banking 3.3 Internet Banking

3.4 Safe Deposit Lockers

ARTIFICIAL INTELLIGENCE

Unit 1: Revisiting AI Project Cycle & Ethical

Frameworks for AI

AI Project Cycle

Introduction to AI

Domains

Ethical

Frameworks of AI

UNIT 2: Advance Concepts of Modeling in AI

Revisiting AI, ML, DL

Modeling

Artificial Neural

Networks

INFORMATION TECHNOLOGY

Unit 1: Digital Documentation (Advanced)

using LibreOffice Writer

Chapter 1: Introduction To Styles

Chapter 2: Working with Images

Chapter 3: Advanced Features of Writer

Unit 2: Electronic Spreadsheet (Advanced) using LibreOffice Calc

Chapter 4: Analyse data using scenarios and goal seek

Chapter 5: Using Macros in Spreadsheet

Chapter 6: Linking Spreadsheet Data

Chapter 7: Share and Review a Spreadsheet

MARKETING AND SALES

Unit 1: Sales with other functions Introduction to Marketing Mix

Session 1 : what is marketing

Session 2: concept of utility

Unit 2: Market (Segmentation, Targeting and Positioning)

Session 1 : Concept of market

Session 2: Competition

Session 3 : Product market

Session: 4 Service market

PHYSICAL ACTIVITY TRAINER

Unit 1: Roles and Responsibilities of Early Years Physical Activity Facilitator

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Unit 2: Assessment and Evaluation of Students