



ST. MARY'S CONVENT SCHOOL

Deori, Sagar, Madhya Pradesh (470226)

Syllabi for the year 2026-27

Class - 7

ENGLISH

UNIT TEST – I

Lesson – 1 Keeping Fit

Lesson – 2 Monday Morning

Lesson – 3 Excuses, Excuses!

HALF YEARLY EXAMINATION

Lesson – 4 Experiences in Hospital

Lesson – 5 The Girl on the Train

Lesson – 6 Working Families

Lesson – 7 Flats and Flats

Lesson – 8 People Upstairs

Lesson – 9 God's Greatest Gifts

Lesson – 10 Environmental Pollution

Lesson – 11 A Dialogue

Lesson – 12 Hospital in the Forest

PROJECT WORK

UNIT TEST – I

Lesson – 13 Our Quaking Planet

Lesson – 14 Hiroshima - A Living Lesson

Lesson – 15 The Wolves

FINAL EXAMINATION

Lesson – 16 A Kingly Joke

Lesson – 17 Fashion Victims

Lesson – 18 The Original N. Americans

Lesson – 19 The Yellow Stars

Lesson – 20 To a Daughter Leaving Home

Lesson – 21 A Secret for Two

Lesson – 22 The Mystery of a Girl

Lesson – 23 Killing Pain

Lesson – 24 The Muddlehead

PROJECT WORK

ENGLISH GRAMMAR

UNIT TEST – I

1) Noun

2) Pronoun

3) The Sentence

4) Letter Writing

HALF YEARLY EXAMINATION

1) Tenses

2) Adjectives

3) Verbs

4) Model Verbs

5) Adverb

6) Reading Comprehension

7) Email and Letter Writing

8) Notice

9) Writing

PROJECT WORK

UNIT TEST – II

1) Propositions

2) Conjunctions

3) Letter – Formal

FINAL EXAMINATION

1) Active voice and Passive Voice

2) Direct and Indirect Speech

3) One word Substitution

4) Homophones

5) Paragraph Writing

6) Synonyms and Antonyms

Story Writing

Essay writing

Reading Comprehension

PROJECT WORK

HINDI

UNIT TEST – I

1. जीवन नहीं मरा करता है

2. साप्ताहिक धमाका

3. मशीनी मानव

4. शाप – मुक्ति

HALF YEARLY EXAMINATION

5. तूफानों की ओर

6. हिम्मत और जिन्दगी





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7. स्नेह शपथ
 8. कर्तव्यपालन
 9. मीरा बाई के पद
 10. अंतिम युद्ध
 11. चौद से उतर कर
- परियोजना कार्य**

UNIT TEST – II

12. नीलू
13. अध्यापक के नाम पत्र
14. हेर – फेर
15. विप्लव – गायन

FINAL EXAMINATION

16. मधुर भाषण
17. एक संसद नदी की
18. सच्चा तीर्थयात्री
19. रथचक्र
20. बुद्धिमान बालक
21. मेरी भी आभा है इसमें
22. महामना पंडित मदन मोहन मालवीय

परियोजना कार्य

MATHEMATICS

UNIT TEST – I

- Chapter – 1 Integers
Chapter – 2 Fractions and Decimals
Chapter – 3 Rational Numbers

HALF YEARLY EXAMINATION

- Chapter – 4 Exponents
Chapter – 5 Sets
Chapter – 6 Ratio, Proportion and Unitary Method
Chapter – 7 Percentage
Chapter – 8 Speed, Distance and Time
Chapter – 9 Algebraic Expressions
Chapter – 10 Simple Linear Equations in One Variable

PROJECT WORK

UNIT TEST – II

- Chapter – 11 Linear Inequalities
Chapter – 12 Pairs of Angles
Chapter – 13 Properties of Triangles

FINAL EXAMINATION

- Chapter – 14 Symmetry
Chapter – 15 Representing 3D in 2D
Chapter – 16 Congruence
Chapter – 17 Construction
Chapter – 18 Perimeter and Area
Chapter – 19 Data Handling
Chapter – 20 Chance and Probability

PROJECT WORK

PHYSICS

UNIT TEST – I

- Chapter – 1 Physical Quantities and Measurement

HALF YEARLY EXAMINATION

- Chapter – 2 Motion
Chapter – 3 Energy

PROJECT WORK

UNIT TEST – II

- Chapter – 4 Light

FINAL EXAMINATION

- Chapter – 5 Heat
Chapter – 6 Sound
Chapter – 7 Electricity and Magnetism.

PROJECT WORK

CHEMISTRY

UNIT TEST – I

- Chapter – 1 Matter

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- Chapter – 2 Physical and Chemical Changes
Chapter – 3 Elements, Compounds and Mixtures

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UNIT TEST – II

- Chapter – 4 Atomic Structure

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Chapter – 5 Language of Chemistry
Chapter – 6 Metals and Non – Metals
Chapter – 7 Air and Atmosphere

PROJECT WORK

BIOLOGY

UNIT TEST – I

Chapter – 1 Plant and Animal Tissues

HALF YEARLY EXAMINATION

Chapter – 2 Kingdom Classification 1

Chapter – 3 Kingdom Classification 2

PROJECT WORK

UNIT TEST – II

Chapter – 4 Plant Life

FINAL EXAMINATION

Chapter – 5 Human Excretory System

Chapter – 6 Human Nervous System

Chapter – 7 Allergy

PROJECT WORK

HISTORY AND CIVICS

UNIT TEST – I

Chapter – 1 Medieval Europe - Rise and Spread of Christianity

HALF YEARLY EXAMINATION

Chapter – 2 Rise and Spread of Islam

Chapter – 3 The Delhi Sultanate

CIVICS

Chapter – 1 The Constitution of India

PROJECT WORK

UNIT TEST – II

Chapter – 4 The Vijayanagara and Bahamani Kingdoms

FINAL EXAMINATION

Chapter – 5 The Mughal Empire

Chapter – 6 Making of Composite Culture

CIVICS

Chapter – 2 Directive Principles of State Policy

PROJECT WORK

GEOGRAPHY

UNIT TEST – I

Chapter – 1 Representation of geographical features

Chapter – 2 Atmosphere

HALF YEARLY EXAMINATION

Chapter – 3 Weather and climate

Chapter – 4 Weathering and soil formation

Chapter – 5 Industries

PROJECT WORK

UNIT TEST – II

Chapter – 6 Energy and power resources

Chapter – 7 Study of continent: Europe

FINAL EXAMINATION

Chapter – 8 Study of continent: Africa

Chapter – 9 Study of continent: Australia

Chapter – 10 Study of continent: Antarctica

PROJECT WORK

COMPUTER

UNIT TEST – I

1. Computer Hardware Components

1. Hardware

1.1 What is Hardware?

1.2 Internal Hardware

1.3 Ports

1.4 Graphics Card

1.5 Sound Card

1.6 External Hardware

1.7 Input Device

1.8 Output Device

1.9 Storage Device

2. New Hardware Trends

2.1 AI-powered Cameras

2.2 Bluetooth Low Energy Devices (BLE)

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- 2.3 Ergonomic Keyboard
- 2.4 Inkjet Printers and High-speed Laser

HALF YEARLY EXAMINATION

2. Computer Virus

1. Computer Viruses and Their Types

- 1.1 What is a Computer Virus?
- 1.2 Harms Caused by Computer Viruses
- 1.3 Computer Viruses and Their Types

2. Handling Viruses on Computer

- 2.1 How do you Know your Computer has a Virus?
- 2.2 How does a Virus get onto a Computer?
- 2.3 How to Prevent Computers from Viruses?

3. Malware

- 3.1 Spyware
- 3.2 Ransomware
- 3.3 Trojan Horse
- 3.4 Worms
- 3.5 Backdoor
- 3.6 Rootkit

4. Firewall

5. Antivirus

- 5.1 Key Characteristics of Antivirus Software

3. Number Systems

1. Overview of the Number System

- 1.1 What is a Number System?
- 1.2 Categories of Number System

2. Binary to Decimal Conversion

3. Decimal to Binary Conversion

4. Binary Subtraction and Addition

4. Working with Spreadsheets

1. Excel Features

- 1.1 Introduction
- 1.2 Excel Window Components
- 1.3 Features of Excel

2. Basic Excel Tasks

2.1 Start Excel

2.2 Creating a New Workbook

2.3 Saving a Workbook

2.4 Enter Data in the Worksheet

2.5 Excel Data Types

3. Working with Workbook

3.1 Undo and Redo Features

3.2 Selecting Cells in a Worksheet

3.3 Modify Cell Contents

4. Working with Excel Rows and Columns

4.1 Inserting Columns

4.2 Inserting Rows

4.3 Changing Row Height and Column Width

4.4 Automatically Fit Column and Row Contents

4.5 Split Cells

4.6 Merge Cells

5. Formatting Spreadsheets

5.1 Copy and Move Data

5.2 Wrap Text

5.3 Format Numbers

5.4 Cell Border

5.5 Cell Styles

5.6 AutoFill

5.7 Cell Fill

5.8 Text Colour

6. Working with Formulas

6.1 Introduction

6.2 Sequence of Execution

PROJECT WORK

UNIT TEST – II

5. Cyber Ethics and Safety Measures

1. Overview of Cyber Ethics

1.1 Characteristics of Cyber Ethics

2. Cybercrimes and Safety Measures

2.1 Hacking

2.2 Phishing





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Class - 7

- 2.3 Cyberbullying
- 2.4 Plagiarism
- 2.5 Internet Safety Measures

3. Digital Footprints

FINAL EXAMINATION

6. Working with Database

1. What is a Database?

- 1.1 Introduction
- 1.2 Advantages of Database System

2. Types of Database

- 2.1 There are Two Types of Database

3. Terms in Database

4. Working with Access 2019

- 4.1 Introduction
- 4.2 Elements of Access 2019
- 4.3 Types of Data in Access 2019
- 4.4 View Types in Access 2019
- 4.5 Creating a Blank Datasheet
- 4.6 Create a Database Using a Template
- 4.7 Guidelines for Naming Fields

5. Working with Access Objects

- 5.1 Creating a Table
- 5.2 Queries in Access
- 5.3 Forms in Access
- 5.4 MS Access Reports

7. HTML Advance

1. Working with HTML Lists

- 1.1 Introduction
- 1.2 List Types 81

2. Working with HTML Tables

- 2.1 Introduction
- 2.2 Creating Tables

3. Linking Web Pages

- 3.1 HTML Link Types
- 3.2 Example on Web Page Link

4. Inserting Images

8. Python Revision

1. Fundamentals of Python

- 1.1 Working with Python
- 1.2 Keywords
- 1.3 Execution Modes
- 1.4 Identifiers
- 1.5 Variables

2. Data Types in Python

- 2.1 Number
- 2.2 Sequence 97

3. Data Types: Mutable and Immutable

4. Conversion Functions

5. Project: Basic Calculator

- 5.1 Introduction
- 5.2 Project Objective
- 5.3 Explanation
- 5.4 Output and Testing

6. Project: Currency Converter

- 6.1 Introduction
- 6.2 Project Objective
- 6.3 Explanation
- 6.4 Output and Testing

PROJECT WORK

GENERAL KNOWLEDGE

UNIT TEST – I

Unit 1: My Country

- 1. Bharat Ratnas
- 2. History of India.
- 4. Our Wonderful Country..
- 6. Proud to be an Indian
- 7. Seven Sister States.
- 8. The Parliament of India.
- 9. Indian Armed Forces
- 10. Ports in India.
- 11. Taming the Rivers.

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Class - 7

Unit 2: My World

- 12. Know Your World
- 14. Indus Valley Civilisation
- 15. Knowing Asia.
- 16. Cities of the World
- 17. Know the UNO...
- 18. Great Personalities of the World..
- 20. Our Wonderful World.
- 22. Parliaments of the World

Logical Reasoning and Aptitude

- 23. Number and Letter Patterns
- 24. Figural Patterns
- 25. Analogous Pairs (Words)
- 26. Analogous Pairs (Numbers).
- 27. Analogous Pairs (Figures).
- 28. Classification (Odd One Out)
- 29. Pick the Odd One Out
- 30. Crack the Puzzle

31. TEST PAPER-1

Unit 3: Flora and Fauna

- 32. The Amazing Unusual Flora.
- 34. The Plant Quiz
- 35. More About Plants..
- 36. State Flowers of India
- 37. Amazing Reptiles.
- 38. Protecting the Wild Life.
- 40. Surviving a Tsunami

PROJECT WORK

UNIT TEST – II

Unit 4: Science and Technology

- 41. My Wonderful Body
- 42. Health Issues
- 43. Right or Wrong.
- 44. Scientific Awareness.
- 46. Scientific Instruments
- 47. Computer Quiz.

- 48. The Limitless Universe.
- 49. Branches of Science.
- 50. World Famous Scientists
- 52. Will the Ice Melt and Overflow?

FINAL EXAMINATION

Logical Reasoning and Aptitude

- 53. Coding-Decoding Quiz.
- 54. Blood Relations
- 56. Embedded Figures.
- 57. More Embedded Figures
- 58. Mirror Images
- 59. Water Images.
- 60. Crack the Puzzle
- 61. TEST PAPER-2.**

Unit 5: Sports and Entertainment

- 62. Sports Quiz
- 63. Sports Mixed Bag
- 64. Famous Dancers.
- 65. The World of Theatre.

Unit 6: Language and Literature

- 66. Newspapers and Magazines.
- 67. Literary Quiz...
- 68. Gems of Hindi Literature
- 69. Language Word Search

Logical Reasoning and Aptitude

- 70. Direction Sense Test...
- 72. Logical Venn Diagrams
- 74. Puzzle Test
- 76. Shapes in Figures
- 77. Count the Cubes
- 78. Paper Folding
- 79. Crack the Puzzle..

80. TEST PAPER-3

PROJECT WORK

VALUE EDUCATION

HALF YEARLY EXAMINATION





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Class - 7

Chapter – 1 Hard Work and Perseverance - Never giving up, even when things are tough.

Chapter – 2 Gratitude - Appreciating what we have.

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Chapter – 3 Teamwork and Cooperation - Working well with others.

Chapter – 4 Responsibility - Taking care of personal and social duties.

Chapter – 5 Environmental Awareness - Keeping our surroundings clean and green.

SANSKRIT

UNIT TEST – I

1. प्रथमः पाठः
2. द्वितीयः पाठः

वन्दे भारतमातरम्
नित्यं पिबामः
सुभाषितरसम्

HALF EXAMINATION

3. तृतीयः पाठः
4. चतुर्थः पाठः
5. पञ्चमः पाठः
6. षष्ठः पाठः

मित्राय नमः
न लभ्यते चेत् आम्लं
द्राक्षाफलम्
सेवा हि परमो धर्मः
क्रीडाम वयं
श्लोकान्त्याक्षरीम्

पत्रः अपनी कक्षा शिक्षक को 2 दिन की छुट्टी के लिए आवेदन पत्र लिखिए।

निबंधः उद्यानम्

परियोजना कार्य

UNIT TEST – II

7. सप्तमः पाठः
8. अष्टमः पाठः

ईशावास्यम् इदं सर्वम्
हितं मनोहारि च दुर्लभं
वचः

FINAL EXAMINATION

9. नवमः पाठः
10. दशमः पाठः

अत्राद् भवन्ति भूतानि
दशमः कः ?

11. एकादशः पाठः

द्वीपेषु रम्यः

द्वीपोऽण्डमानः

12. द्वादशः पाठः

वीराङ्गना पन्नाधाय

(क) अतिरिक्तम् अध्ययनम्

वर्णमात्रा-परिचयः

(ख) परिशिष्टम् १

शब्दरूपाणि

(ग) परिशिष्टम् २

धातुरूपाणि

पत्रः अपनी प्राचार्या को स्थानांतरण हेतु आवेदन पत्र लिखिए।

निबंधः अनुशासनम्

परियोजना कार्य

