



ST. MARY'S CONVENT SCHOOL

Deori, Sagar, Madhya Pradesh (470226)

Syllabi for the year 2026-27

Class - 8

ENGLISH

UNIT TEST – I

- Lesson – 1 The Food We Eat
- Lesson – 2 Are you a Vegetarian?
- Lesson – 3 Heaven on sick
- Lesson – 4 Integrity Put to Test

HALF YEARLY EXAMINATION

- Lesson – 5 An Interesting Observation
- Lesson – 6 Angels on the Earth
- Lesson – 7 The Homecoming
- Lesson – 8 Lucy Gray
- Lesson – 9 My Dog Marcus
- Lesson – 10 The Barber Talks
- Lesson – 11 The piggy pub
- Lesson – 12 The longest Journey

PROJECT WORK

UNIT TEST -2

- Lesson – 13 Love
- Lesson – 14 Don't be so Hard on pigs
- Lesson – 15 A Fairy with Horns
- Lesson – 16 No Men Are Foreign

FINAL EXAMINATION

- Lesson – 17 The Wrong House
- Lesson – 18 The Black Aeroplane
- Lesson – 19 The Man in the Tunnel
- Lesson – 20 Who Are You?
- Lesson – 21 Global Warming
- Lesson – 22 The Good Bacteria
- Lesson – 23 Gene Technology
- Lesson – 24 Solar Flare

PROJECT WORK

ENGLISH GRAMMAR

UNIT TEST – I

- 1) Noun
- 2) Pronoun
- 3) One word Substitution

- 4) Letter Writing & Comprehension

HALF YEARLY EXAMINATION

- 1) Adjectives
- 2) Conjunction
- 3) Verb
- 4) Tenses
- 5) Essay Writing
- 6) Notice Writing
- 7) Reading Comprehension

PROJECT WORK

UNIT TEST – II

- 1) Articles and Determiners
- 2) Modal Verb
- 3) Subject Verb Agreement
- 4) E- mail writing
- 5) Paragraph Writing

FINAL EXAMINATION

- 1) Punctuations
- 2) One word substitution
- 3) Idioms and Phrases
- 4) Active and Passive Voice
- 5) Direct and Indirect speech
- 6) Letter Writing
- 7) Reading Comprehension
- 8) Essay Writing
- 9) Picture Composition

PROJECT WORK

HINDI

UNIT TEST – I

- 1. वीणा – वादिनी वर दे
- 2. खुशी की तलाश
- 3. सच्ची वीरता
- 4. गौरा

HALF YEARLY EXAMINATION

- 5. छोड़ दो





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6. गुरु जी
7. संस्कृति और सभ्यता
8. देवताओं का अंचल : कुल्लू
9. दो कलाकार
10. हिमयुग की वापसी

11. बाल – लीला

परियोजना कार्य

UNIT TEST – II

12. बाढ़ का बेटा
13. माँ पढ़ती है
14. स्वतंत्रता पुकारती
15. सफ़ेद सच

FINAL EXAMINATION

16. बेताल की कथा
17. बसंती हवा
18. कोलकाता की संत मदर टेरेसा
19. पोस्टमैन
20. दीवानों की हस्ती
21. भारत की सांस्कृतिक एकता
22. तृणभारत

परियोजना कार्य

MATHEMATICS

UNIT TEST – I

- Chapter – 1 Rational Numbers
Chapter – 2 Exponents (Power)
Chapter – 3 Squares and Square Roots

HALF YEARLY EXAMINATION

- Chapter – 4 Cubes and Cube Roots
Chapter – 5 Playing with Numbers
Chapter – 6 Sets
Chapter – 7 Percentage and its Applications
Chapter – 8 Compound Interest
Chapter – 9 Direct and Inverse Variations

- Chapter – 10 Time and Work
Chapter – 11 Algebraic Expressions
Chapter – 12 Factorisation

PROJECT WORK

UNIT TEST – II

- Chapter – 13 Linear Equations in One Variable
Chapter – 14 Understanding Shapes
Chapter – 15 Parallelograms

FINAL EXAMINATION

- Chapter – 16 Representing 3D Shapes 2D
Chapter – 17 Construction of Quadrilaterals
Chapter – 18 Graphs
Chapter – 19 Idea of Symmetrical Shapes and Reflection Symmetry
Chapter – 20 Circle
Chapter – 21 Area of a Trapezium, a Polygon and a Semicircle
Chapter – 22 Volume and Surface Area of Solids
Chapter – 23 Statistics
Chapter – 24 Graphical Representation of Data
Chapter – 25 Probability

PROJECT WORK

PHYSICS

UNIT TEST – I

- Chapter – 1 Matter
Chapter – 2 Physical Quantities and Measurement
Chapter – 3 Force and Pressure
Chapter – 4 Energy

PROJECT WORK

UNIT TEST – II

- Chapter – 5 Light.
FINAL EXAMINATION
Chapter – 6 Heat.
Chapter – 7 Sound.
Chapter – 8 Electricity





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CHEMISTRY

UNIT TEST – I

Chapter – 1 Matter.

HALF YEARLY EXAMINATION

Chapter – 2 Physical and Chemical Changes.

Chapter – 3 Elements, Compounds and Mixtures

Chapter – 4 Atomic Structure

PROJECT WORK

UNIT TEST – II

Chapter – 5 Language of Chemistry

FINAL EXAMINATION

Chapter – 6 Chemical Reactions

Chapter – 7 Hydrogen.

Chapter – 8 Water

Chapter – 9 Carbon and its Compounds.

PROJECT WORK

BIOLOGY

UNIT TEST – I

Chapter – 1 Transport System in Plants

HALF YEARLY EXAMINATION

Chapter – 2 Reproduction in Plants

Chapter – 3 Reproduction in Animals

Chapter – 4 Ecosystem

PROJECT WORK

UNIT TEST – II

Chapter – 5 Endocrine System and Adolescence

Chapter – 6 The Circulatory System

FINAL EXAMINATION

Chapter – 7 The Nervous System

Chapter – 8 Diseases and First Aid

Chapter – 9 Food Production

PROJECT WORK

HISTORY AND CIVICS

UNIT TEST – I

Chapter – 1 A Period of Transition

HALF YEARLY EXAMINATION

Chapter – 2 The Growth of Nationalism

Chapter – 3 India in the 18th Century

Chapter – 4 Traders to Rulers

CIVICS

Chapter – 1 Organs of Government

PROJECT WORK

UNIT TEST – II

Chapter – 5 Impact of British Policy on India

FINAL EXAMINATION

Chapter – 6 The Great Uprising of 1857

Chapter – 7 Socio-Religious Reforms

Chapter – 8 India's Freedom Struggle

CIVICS

Chapter – 9 United Nations

PROJECT WORK

GEOGRAPHY

UNIT TEST – I

Representation of Geographical Features

HALF YEARLY EXAMINATION

Population Dynamics

Migration

Urbanisation

PROJECT WORK

UNIT TEST – II

Natural and man-made disasters

FINAL EXAMINATION

Asia: The largest continent

India: Geographical features

India: Human resource

PROJECT WORK

COMPUTER

UNIT TEST – I

1. Operating System.

1. What is an Operating System?

1.1 Introduction





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1.2 Understanding Operating System

2. Functions of an Operating System

3. Types and Categories of Operating Systems

3.1 Categories of Operating System

3.2 Character User Interface

2. Flowchart and Coding Languages.

1. What is an Algorithm?

1.1 Introduction

1.2 Characteristics of an Algorithm

1.3 Uses of an Algorithm

HALF YEARLY EXAMINATION

2. Working with an Algorithm

2.1 Algorithm to Make Tea

2.2 Algorithm to Find the Largest Number

3. Working with Flowcharts.

3.1 Introduction

3.2 Flowchart Symbols

3.3 Fundamental Rules of a Flowchart

3.4 Advantage of Flowchart

4. Problem-solving Using Flowcharts and Algorithm

4.1 To Make Coffee

4.2 Convert Temperature from Fahrenheit to Celsius

4.3 Display Even Numbers from 1 to 20

4.4 Find the Sum of the First 20 Odd Numbers (Flowchart & Algorithm)

4.5 Find the Area and Perimeter of a Square Using an Algorithm and Flowchart

3. Spreadsheet- Functions and Charts.

1. Working with Formulas

1.1 What is an Excel Formula?

1.2 Rules for Excel Formulas

1.3 How to Apply Formula to Excel Data

1.4 Different Ways to Enter Formulas

2. Understanding Cell Range and Cell Reference

2.1 What is Cell Range?

2.2 Cell Range Points to Remember

2.3 Selecting a Range Using a Mouse

2.4 Selecting a Range Using the Keyboard

2.5 Naming a Cell Range

2.6 What is Cell Reference?

2.7 Relative Reference

2.8 Absolute Reference

2.9 Mixed Reference

2.10 Reference to Another Worksheet

2.11 Reference to Another Workbook

2.12 Customise Worksheet Tab

3. Functions

3.1 What is an Excel Function?

3.2 Rules for Using Functions

3.3 Categories of Functions

4. Charts

Introduction to Charts 4.1

4.2 Components of Charts

4.3 Types of Charts in Excel

4.4 Creating a Chart

4.5 Change Chart Type

5. Data Sorting

5.1 What is Data Sorting?

5.2 Simple Sorting

5.3 Custom Sorting

4. Java Programming.

1. Introduction to Java

1.1 Features of Java

1.2 Classes and Objects

2. Introduction of BlueJ

2.1 Introduction

2.2 Interface of BlueJ

2.3 Creating the First Project Using BlueJ

2.4 Compile and Run a Java Program

2.5 Structure of Java Program





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3. Basic Java Program

3.1 Basics Concepts in Java Programming

4. Conditional Statements

4.1. The If Statement

4.2 The If...else Statement

4.3 The If..else...if Statement

4.4 The Switch Statement

5. Loop Statements

5.1 While Loop

5.2 Do-while Loop

5.3 For Loop

6. Jump Statements

6.1 Break Statement

6.2 The Continue Statement

6.3 Return Statement

7. Types of Errors in Java

PROJECT WORK

UNIT TEST – II

5. App Development

1. What is an App?

2. Types of Mobile Applications

2.1 Desktop Applications

2.2 Mobile Applications

2.3 Web Applications

3. Categories of Apps

3.1 Productivity Apps

3.2 Educational Apps

3.3 Communication Apps

3.4 E-Commerce Apps

3.5 Entertainment Apps

3.6 Utility Apps

3.7 Gaming Apps

4. Download and Installation of Apps

4.1 Download and Install an App

5. Developing an App

5.1 App Inventor

FINAL EXAMINATION

6. Cloud Computing & Networking

1. Cloud Computing

1.1 Introduction

1.2 Benefits of Cloud Computing

1.3 Characteristics of Cloud Computing

1.4 Advantages of Cloud Computing

1.5 Disadvantage of Cloud Computing

2. Storing and Sharing Data

2.1 Introducing OneDrive

2.2 Accessing OneDrive

2.3 Creating Files on OneDrive

2.4 Upload Files to OneDrive

2.5 Upload Folders to OneDrive

2.6 Sharing Files

2.7 File Shared with You

2.8 Other Cloud Storage Service Providers

3. Basics of Computer Network

3.1 Introduction to Computer Network 3.1

3.2 Purpose of Computer Network

3.3 Advantages of Computer Network

4. Networking Concepts

4.1 Network Components

4.2 Network Terminologies

4.3 Network Devices

5. Networks

5.1 Types of Network

5.2 Topology

5.3 Network Architecture

5.4 Wireless Technology

5.5 Protocol

6. Network Security

7. Python Coding and Its Application

1. Fundamentals of Python

1.1 Introduction

1.2 Features of Python





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1.3 Python Applications

2. Simple Python Program

2.1 Keywords

2.2 Identifiers

2.3 Operators

2.4 Data Types

2.5 Variables

2.6 Accept Data and Display Data in Python 1

3. Conditional and Loop Statements in Python

3.1 Types of Statements in Python

3.2 Statement Flow of Control

3.3 The If Statements of Python

4. Introduction to Turtle Library

4.1 Introduction

4.2 How to Start Using Turtle

5. Pattern Designing Using the Turtle Library

6. Guess the Number Game

6.1 Introduction

7. Number to Roman Conversion

7.1 Introduction

PROJECT WORK

GENERAL KNOWLEDGE

UNIT TEST – I

Unit 1: My Country

1. Our Fundamental Rights.
2. Our States, Capitals and Languages.
3. The Changing India..
4. Incredible India
6. Contemporary Politicians.
7. Forts of India
8. Sobriquets of Indian Cities.
9. Festivals of India
10. Global Indians.

HALF YEARLY EXAMINATION

Unit 2: My World

12. Our Wonderful World

13. Let's Be Currency-wise

15. Foods Around the World

16. Oceans of the World

Logical Reasoning and Aptitude

17. Classification

18. Number and Letter Patterns

20. Figural Patterns

22. Analogy (Words)

23. Analogy (Numbers and Alphabet)

24. Analogy (Figures)

25. Crack the Puzzle.

26. TEST PAPER-1

Unit 3: Flora and Fauna

27. Flora and Fauna of Indian States

28. Unique Plants..

30. World of Plants

31. A Fruity Puzzler.

32. Green Themes

33. Amazing World of Birds

34. Indian Wildlife

35. Animals in the Rainforests.

36. Wonderful World of Animals

Unit 4: Science and Technology

38. Physical Science Quiz

39. Genes and Genetics

PROJECT WORK

UNIT TEST – II

40. Science Picture Quiz

42. Common Diseases

43. Alternative Medicines.

44. Scientific Terminology.

45. Plugged In.....

46. Artificial Intelligence Quiz - 1.

47. Artificial Intelligence Quiz - 2....

Logical Reasoning and Aptitude

48. Embedded Figures.





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50. Coding-Decoding.

52. Logical Venn Diagrams-1

FINAL EXAMINATION

53. Logical Venn Diagrams-2.

54. Blood Relations Quiz.

55. Crack the Puzzle.

56. TEST PAPER-2..

Unit 5: Sports and Entertainment

58. Popular Indoor Games

59. Winter Sports

60. ICC Men's Cricket World Cup, 2023

61. Miscellaneous Sports Quiz

62. Stars Who Make You Laugh

Unit 6: Language and Literature

63. Famous Writers

64. More Than Just Stories.

65. Familiar Idioms

66. Greener Earth.

67. Environmental Quiz

68. Indian Banks

Logical Reasoning and Aptitude

69. Mirror Images-1

70. Mirror Images-2

72. Water Images.

73. Direction Sense...

75. Counting Lines and Shapes

76. Cubes and Dice.

78. Paper Folding and Cutting.

79. Crack the Puzzle

80. TEST PAPER-3

PROJECT WORK

VALUE EDUCATION

HALF YEARLY EXAMINATION

Chapter – 1 Integrity and Moral Courage -
Standing up for what is right.

Chapter – 2 Self-Discipline and Time

Management - Balancing studies and personal life.

FINAL EXAMINATION

Chapter – 3 Respect for Diversity - Accepting and understanding different cultures and opinions.

Chapter – 4 Digital Citizenship - Using the internet and social media responsibly.

Chapter – 5 Leadership and Decision Making -
Being a good role model and making wise choices.

SANSKRIT

UNIT TEST – I

प्रथमः पाठः सुभाषितानि

द्वितीयः पाठः बिलस्य वाणी न कदापि मे श्रुता

HALF YEARLY EXAMINATION

तृतीयः पाठः डिजीभारतम्

चतुर्थः पाठः सदैव पुरतो निधेहि चरणम्

पञ्चमः पाठः कण्टकं नैव कण्टकम्

षष्ठः पाठः गृहं शून्यं सुतां विना

सप्तमः पाठः भारतजनताऽहम्

अष्टमः पाठः संसारसागरस्य नायकाः

पत्रः अपने कक्षा शिक्षक को दो दिन की छुट्टी के लिए
आवेदन पत्र लिखिए।

निबंधः धेनुः

परियोजना कार्य

UNIT TEST – II

नवमः पाठः सप्तभगिन्यः

दशमः पाठः नीतिनवनीतम्

FINAL EXAMINATION

एकादशः पाठः सावित्री बाई फुले

द्वादशः पाठः कः रक्षति कः रक्षितः

त्रयोदशः पाठः क्षितौ राजते भारतस्वर्णभूमिः

चतुर्दशः पाठः आर्यभटः

परिशिष्टम् सन्धिः, कारकम्, शब्दरूपाणि

धातुरूपाणि च

पत्रः अपनी प्राचार्या को स्थानांतरण हेतु आवेदन पत्र
लिखिए।

निबंधः उद्यानम्

परियोजना कार्य

