

CLASS 9-Syllabus – 2024-25

ENGLISH LITERATURE

FIRST TERM

- DRAMA: Julius Caesar - William Shakespeare (Act I)
- TREASURE CHEST: A Collection of ICSE Short Stories & Poems

PROSE (Short Stories):

1. BonkuBabu's Friend – Satyajit Ray
2. Oliver Asks for More – Charles Dickens
3. The Model Millionaire – Oscar Wilde

POETRY:

1. The Night Mail – W.H. Auden
2. Shimbleshanks: The Railway Cat – T.S. Eliot
3. I Remember, I Remember – Thomas Hood

Unit Test1-Bonku Babu's friend

Unit Test 2-The Night Mail (poem)

Act 1 scene 1Julius Caesar

SECOND TERM

I. DRAMA: Julius Caesar -William Shakespeare (Act II)

II.TREASURE CHEST: A Collection of ICSE Short Stories & Poems

PROSE (Short Stories):

4. Home-coming -Rabindranath Tagore
5. The Boy who Broke the Bank -Ruskin Bond

POETRY

4. A Doctor's Journal Entry - Vikram Seth
5. A Work of Artifice -Marge Piercy

Unit Test 3-Home-coming (prose)

Unit Test 4-A Work of Artifice (poem)

Act 2 scene1 (entry of conspirators)

FIRST TERM SYLLABUS WILL BE INCLUDED IN THE FINAL EXAMINATION

ENGLISH LANGUAGE

FIRST TERM

- TOTAL ENGLISH
- MODEL PAPERS – 1 to 8

SECOND TERM

- MODEL PAPERS – 9 to 15

TOPICS COVERED

- *Essay Writing
- * Letter Writing (formal /informal)
- *Email /Notice
- *Comprehension
- *Functional Grammar
- Transformation of sentences /prepositions/Verb paragraphs /Synthesis of sentences

INTERNAL ASSESSMENTS:

- Speaking and Listening Skills.

GEOGRAPHY

FIRST TERM

- 1. Earth as a planet (UT1)
- 2. Earth's structure (UT2)
- 3. Rocks
- 4. Volcanoes
- 5. Earthquakes
- 6. Hydrosphere
- 7. Pollution

- 8. Sources of Pollution
- 9. Rotation and Revolution
- * Physical map of the world (UT3)

SECOND TERM

1. Geographic grid- Latitudes and Longitudes (UT4)
 2. Weathering
 3. Composition and structure of the atmosphere
 4. Insolation
 5. Atmospheric pressure and winds
 6. Humidity
 7. Effects of Pollution
 8. Preventive measures
2. Earth's structure (UT2)
 3. Rocks
 4. Volcanoes
 5. Earthquakes
- * Physical map of the world

COMPUTER

TERM 1

1. Introduction to Object Oriented Programming Concepts
2. Elementary Concept of Objects and Classes
3. Values, Data Types and Errors
4. Operators and Expressions in Java
5. Classes and Methods (or Functions)

UNIT TEST 1

1. Introduction to Object Oriented Programming Concepts

UNIT TEST 2

3. Values, Data Types and Errors

TERM 2

6. Input in Java (Scanner class)

7. Mathematical Library Methods
8. Conditional Constructs in Java (Decision Making Statements)
9. Iterative Constructs in Java (The Non-Nested Loops or Iterations)
10. Nested Iteration in Java (The Nested for () Loops)
11. Computing and Ethics
2. Elementary Concept of Objects and Classes
3. Values, Data Types and Errors
4. Operators and Expressions in Java
5. Classes and Methods (or Functions)

UNIT TEST 3

6. Input in Java (Scanner class)

UNIT TEST 4

Programs on Java

(NOTE: PROGRAMS BASED ON JAVA ALSO INCLUDED IN BOTH I AND II TERM)

AI and ROBOTICS

TERM 1

1. Understanding robots
2. Evolution of Robots and Laws of Robotics
3. Classification of Robots
4. Real World Robots and their Applications
8. Meaning and Brief History (AI)
9. Application and benefits of AI
10. Ethical considerations in AI
11. Data and Information
12. Evolution of Computing
13. Familiarization with Python
14. Introduction to Data types and Variables

UT-1

1. Understanding Robots

UT-2

3. Classification of Robots

TERM 2

5. Building blocks of Robots
6. Identification of Robots
7. Robot Anatomy
15. Introduction to Operators and Strings data type in Python

16. Conditional statements and Control statements
17. Functions
18. AI concepts (Machine Learning)
19. AI Domains (CV)
20. AI Domains (NLP)
21. AI Domains (NN)
22. Components and stages (alias AI project cycle)
4. Real World Robots and their Applications
8. Meaning and Brief History (AI)
9. Application and benefits of AI
10. Ethical considerations in AI
12. Evolution of Computing
13. Familiarization with Python

UT-3

5. Building blocks of Robots

UT-4

15. Introduction to Operators and String data type in Python

PHYSICAL EDUCATION

TERM 1

SECTION A (Theory)

1. Human anatomy and physiology (UT-1)
2. Muscular System
3. Respiratory System (UT-2), Cricket, Hockey

SECTION B (Games)

1. Cricket
2. Football
3. Hockey

TERM 2

SECTION A (theory)

1. Human anatomy and physiology
2. Muscular System
3. Respiratory System
4. Circulatory System, Basketball (UT-3)

5. Games and Sports, Badminton, Volleyball (UT-4)

SECTION B (Games)

1. Basketball
2. Volleyball
3. Badminton

MATHEMATICS

Ist Term

Chapter - 1	Rational and Irrational Numbers
Chapter - 2	Compound Interest (Without Formula)
Chapter - 3	Compound Interest
Chapter - 4	Expansions
Chapter - 5	Factorisation
Chapter - 7	Indices
Chapter - 9	Triangles (Congruency)
Chapter - 10	Isosceles Triangle
Chapter - 11	Inequalities
Chapter - 12	Midpoint Theorem and Converse
Chapter - 13	Pythagoras Theorem
Chapter - 18	Statistics
Chapter - 20	Area and Perimeter of Plane Figures
Chapter - 22	Trigonometrical Ratios
Chapter - 23	Trigonometrical Ratios of angles
Chapter - 26	Co - ordinates Geometry

Unit 1

Chapter - 1	Rational and Irrational Numbers
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Unit 2

Chapter - 4	Expansions
Chapter - 5	Factorisation,

IInd Term

Chapter - 6	Simultaneous Linear Equations
Chapter - 8	Logarithms
Chapter - 14	Rectilinear Figures
Chapter - 15	Construction of Ploygons
Chapter - 16	Area Theorems
Chapter - 17	Circle
Chapter - 19	Mean and Median
Chapter - 21	Solids
Chapter - 24	Solution of right triangles
Chapter - 25	Complementary angles
Chapter - 27	Graphical Solutions
Chapter - 28	Distance Formula
Chapter - 22	Trigonometrical Ratios
Chapter - 23	Trigonometrical Ratios of angles
Chapter - 13	Pythagoras Theorem

Unit 3

Chapter - 6 Simultaneous Linear Equations

Unit 4

Chapter - 24 Solution of right triangles

PHYSICS

Chapter - 1 Measurements and Experimentation

Chapter - 2 Motion in one dimension

Chapter - 3 Laws of Motion

Chapter - 4 Pressure in fluids and Atmospheric Pressure

Chapter - 5 Up thrust in fluids

Unit 1

Chapter - 1 Measurements and Experimentation

Unit 2

Chapter - 3 Laws of Motion

Chapter - 2 Motion in one dimension

IIInd Term:

Chapter - 6 Heat and Energy

Chapter - 7 Reflection in Light

Chapter - 8 Propagation of Sound waves

Chapter - 9 Current Electricity

Chapter - 10 Magnetism

Chapter - 3 Laws of Motion

Chapter - 4 Pressure in fluids and Atmospheric Pressure

Chapter - 5 Up thrust in fluids

Unit 3

Chapter - 6 Heat and Energy

Unit 4

Chapter - 9 Current Electricity

BIOLOGY

TERM I

Chap 2 -Cell (UT1)

Chap 3-Tissue

Chap 4- Flower

Chap 5- Pollination (UT 2)

Chap 6- Seeds

Chap 7- Respiration

Chap 17-Aids to Health

Chap 18 -Health Organization

Chap 19 -Waste generation and management

TERM II

Chap 8-Five Kingdom classification

Chap 9 -Economic importance of Bacteria and Fungi (UT3)

Chap 10-Nutrition

Chap 11 -Digestive system

Chap 12 -Skeleton

Chap 13 -Skin

Chap 14 -The Respiratory system

Chap 15 -Health and Hygiene (UT 4)

Chap 16 -Diseases

Note-Term I syllabus is also included in Term II.

CHEMISTRY

TERM I

Chap 1-The language of Chemistry (UT1)

Chap 2-Chemical Changes and Reactions (UT2)

Chap 3-Water

Chap 4-Atomic structure and chemical bonding

Chap 5-The Periodic table

TERM II

Chap 6-Study of the first element – Hydrogen (UT3)

Chap 7-Study of Gas law (UT4)

Chap 8-Atmospheric Pollution

Chap 9- Practical Work

Note-Term I syllabus is also included in Term II.

HISTORY & CIVICS

TERM I

- The Harappan Civilisation
- The Vedic Period
- Jainism and Buddhism
- The Mauryan Empire
- The Sangam Age
- The Age of the Guptas
- Medieval India:The Cholas
- Our Constitution
- Salient Features of the constitution-1
- Salient Features of the constitution-2

UNIT TEST 1-

The Harappan Civilisation

UNIT TEST 2-

The Vedic Period

Our Constitution

TERM II

- Medieval India- The Delhi Sultanate
- Medieval India-The Mughal Empire
- Medieval India-Composite Culture
- The Modern Age in Europe(Renaissance)
- The Modern Age in Europe(Reformation)
- The Modern Age in Europe(Industrial Revolution)
- Elections
- Local Self -Government-Rural
- Local Self- Government-Urban
- Our Constitution

- Salient Features of the constitution-1
- Salient Features of the constitution-2

UNIT TEST 3-
Medieval India- The Delhi Sultanate
Elections

UNIT TEST4-
Medieval India-The Mughal Empire
Local Self -Government-Rural

HINDI

FIRST TERM

साहित्यसागर :

बातअठन्नीकी

काकी

महायज्ञकापुरस्कार

एकांकीसंचय :

संस्कारऔरभावना

बहूकीविदा

हिन्दीव्याकरण:

निबंध, पत्र, अपठितगद्यांश, कहानीलेखन, चित्रपरआधारितप्रस्तावलेखन,अशुद्धिशोधन, लोकोक्ति,
वाक्यपरिवर्तन, वाच्यपरिवर्तन ,वर्तनीशोधन

विशेषण, भाववाचकसंज्ञा, मुहावरे, लिंग, वचन, काल, तत्सम , तदभव,पर्यायवाची, विलोम ,वाक्यांश

,वाक्यविचार

SECOND TERM

साहित्यसागर :

बातअठन्नीकी

काकी

महायज्ञकापुरस्कार

नेताजीकाचशमा

अपनाअपनाभाग्य

बड़ेघरकीबेटी

एकांकी।संचय :

संस्कारऔरभावना

बहूकीविदा

मातृभूमिकामान

हिन्दीव्याकरण:

निबंध, पत्र, अपठितगद्यांश, कहानीलेखन, चित्रपरआधारितप्रस्तावलेखन, अशुद्धिशोधन, लोकोक्ति, वाक्यपरिवर्तन, वाच्यपरिवर्तन ,वर्तनीशोधन

विशेषण, भाववाचकसंज्ञा, मुहावरे, लिंग, वचन, काल, तत्सम , तदभव , वाक्यांश ,पर्यायवाची, विलोम , वाक्यविचार

Unit 1: बातअठन्नीकी

Unit 2: पर्यायवाची, विलोम,वर्तनीशोधन,

विशेषण, तत्सम , तदभव

Unit 3: नेताजीकाचशमा

Unit 4: वाक्यपरिवर्तन,वाक्यांश ,मुहावरे

ECONOMIC APPLICATIONS

I TERM

L-1 Meaning and definition of Economics

L-2 Basic concepts of Economics

L-3 Economy and economic entities

L-4 Basic problems of an economy

L-5 The nature and classification of an economy

L-6 Solutions to the basic problems in different economies

UT1-L-1-Meaning and definition of Economics

UT2-L-2-Basic concepts of Economics

II TERM

L-7 The nature of the Indian economy

L-8 The sectors of Indian economy

L-9 Impact of agriculture & industrial practices on Eco system

L-10 Infrastructure of the Indian economy

L-11 Social infrastructure of the Indian economy

L-12 Consumer Awareness

L-13 Globalisation

UT3- L-7-The nature of the Indian economy

UT4-L-8-The sectors of Indian economy