St. Francis' Convent Inter College, Jhansi

Class 10 Syllabus (2025-2026)

English Literature

First Term

Drama: Julius Caesar – Act III, ACT IV – Scene 1,2

Treasure Chest: A Collection of ICSE Short Stories and Poem

PROSE (Short stories):

1. With the Photographer
2. The Elevator
3. The Girl Who Can

POETRY:

1. Haunted Houses
2. The Glove and The Lions
3. When Great Trees Fall

Unit Test -1

       With the Photographer

Unit Test -2

       Act III, Scene 1

       Haunted Houses

Second Term

Drama: Julius Caesar – Act IV, ACT V

Treasure Chest: A Collection of ICSE Short Stories and Poem

PROSE (Short stories):

4. The Pedestrian
5. The Last Lesson

POETRY:

4. A Considerable Speck
5. The Power of Music

Unit Test -3

       A Considerable Speck

       The Pedestrian

Unit Test -4

       Act IV, Scene 3

FIRST TERM SYLLABUS WILL BE INCLUDED IN THE FINAL EXAMINATION

English Language

First Term
- Total English
- Model Papers – 1 to 8

Unit Test 1
Functional Grammar

Unit Test 2
Listening and Speaking skills

Second Term
- Model Papers – 9 to 15

Unit Test 3
Letter / Email and Notice

Unit Test 4
Listening and Speaking skills

Topics Covered

- Essay Writing
- Letter Writing
- Email/Notice
- Comprehension
- Functional Grammar
- Transformation of Sentences / Prepositions / Verb Paragraphs / Synthesis of Sentence

Hindi

साहित्यसागर-

Chapter 7: सन्देह

Chapter 8: भीड़ में खोया आदमी

एकांकी संचय-

Chapter 4: सूखी डाली

Class 9th के पाठ्यक्रम का पुनर् अभ्यास

नेताजी का चश्मा, काकी, बहू की विदा

हिंदी व्याकरण-

समानार्थक शब्द, विलोम शब्द, अनेक के लिए एक शब्द, विशेषण, भाववाचक संज्ञा, तत्सम – तद्भव, मुहावरे , एवम लोकोक्ति, वाक्य परिवर्तन, अपठित गघांश, पत्र लेखन, निबंध लेखन, कहानी लेखन, चित्र पर आधारित प्रस्ताव, वाच्य परिवर्तन, वर्तनी शुद्ध,

अशुद्धि का शोधन,

Unit Test - 1
Chapter 7: सन्देह

Unit Test - 2
समानार्थक शब्द, विलोम शब्द, विशेषण, तत्सम – तद्भव, वर्तनी शुद्ध

2nd TERM

साहित्यसागर-

Chapter 9: भेड़ और भेड़िये

Chapter 10: दो कलाकार

एकांकी संचय-

Chapter 5: महाभारत की एक सांझ

Chapter 6: दीपदान

साहित्यसागर तथा एकांकी के शेष पाठों की पुनरावृत्ति

हिंदी व्याकरण- प्रथम सत्र के अनुसार

Unit Test - 3
भीड़ में खोया आदमी

Unit Test - 4
मुहावरे, वाक्य परिवर्तन, अनेक के लिए एक शब्द,

Mathematics

Term 1
Chapter 1 : GST [Goods and Services Tax]

Chapter 2 : Banking (Recurring Deposit Accounts)

Chapter 3 : Shares and Dividends

Chapter 4 : Linear Inequations (In one variable)

Chapter 5 : Quadratic Equations

Chapter 6 : Solving (simple) Problems

Chapter 7 : Ratio and Proportion

   (Including Properties and Uses)

Chapter 8 : Remainder and Factor Theorems

Chapter 12 : Reflection

Chapter 15: Similarity

Chapter 17 : Circles

Chapter 20 : Cylinder,Cone and Sphere

Chapter 21 : Trigonometrical Identities

Chapter 23 : Graphical Representaion

Chapter 25 : Probability

Unit 1
Chapter 4 : linear inequations (in one variable)

Unit 2
Chapter 5 : Quadratic Equations

Term 2
 Chapter 9 : Matrices

Chapter 10 : Arithmetic Progression

Chapter 11 : Geometric Progression

Chapter 13 : Section and Mid-Point Formula

Chapter 14 : Equation of a Line

Chapter 16 : Loci (Locus and Its Constructions)

Chapter 18 : Tangents and Intersecting Chords

Chapter 19 : Constructions (Circles)

Chapter 22 : Heights and Distances

Chapter 24 : Measures of Central Tendency

And chapters of term 1

Unit 3
Chapter 9 : Matrices

Chapter 10 : Arithmetic Progression

Unit 4
Chapter 22 : Heights and Distances

Chapter 24 : Measures of Central Tendency

Geography

Term 1
1. Toposheet S7

2. Map of India

3. Climate

4. Soil Resources

5. Natural Vegetation

6. Water Resources

7. Mineral Resources

8. Conventional Sources of Energy

9. Non-Conventional Sources of Energy

UT 1:
Climate

UT 2:
Map of India

Term 2
1. Toposheet S10

2. Map of India

3. Agriculture- 1,2,3,4

4. Agro-based Industry

5. Mineral-based Industry

6. Transport

7. Waste- Accumulation, Management, Disposal

UT 3:
Transport

UT 4:
Industries

HISTORY AND CIVICS

CIVICS

LESSON 3. Prime Minister and the Council of Ministers

LESSON 4. The Supreme Court

LESSON 5.   The High courts and the Subordinate courts

3RD UNIT TEST

LESSON 10. The First World War (Hist)

LESSON 3. Prime Minister and the Council of Ministers (Civ)

4TH UNIT TEST

LESSON 12. The Second World War (Hist)

LESSON 4. The Supreme Court (Civ)

PHYSICS

FIRST TERM:
UNIT 1: Force, Work, Power and Energy.

UNIT 2: Light

SECOND TERM:
UNIT 3: Sound

UNIT 4: Electricity and Magnetism

UNIT 5: Heat

UNIT 6: Modern Physics

And UNIT 1, UNIT 2

UNIT TEST 1:
Chapter 1 of UNIT 1 : Force

UNIT TEST 2:

Chapter 3 of UNIT1:

Work, Energy and Power

UNIT TEST 3:
Chapter 1 of UNIT 3:

Reflection of Sound waves

UNIT TEST 4:

Chapter 1 of UNIT 4:

Electric Current

Chemistry

Term I

Chap 1 Periodic table.

Chap 2 Chemical Bonding.

Chap 3 Acid,bases and salts

Chap 4 Analytical chemistry

Chap 5 Mole concept.

Chap 6 Electrolysis .

Term II

Chap.7 Metallurgy.

Chap.8 Hydrogen Chloride.

Chap.9 Ammonia.

Chap 10 Nitric Acid.

Chap.11 Sulphuric Acid.

Chap.12 Organic chemistry.

And term1

Unit test 1

Chapter 1

Unit test 2

Chapter 2

Unit test 3

Chapter 7

Unit test 4

Chapter 8 and 9

Biology

Term 1

Chap 2- Structure of Chromosomes, cell cycle and cell Division (UT 1)
Chap 3- Genetics
Chap 4-Absorption by roots
Chap 5- Transpiration
Chap 6- Photosynthesis
Chap 8- The circulatory system (UT 2)
Chap 9-The excretory System

Term 2

Chap 7- Chemical coordination in plants (UT 3)
Chap 10- The Nervous system
Chap 11- Sense Organs
Chap 12- The Endocrine system
Chap 13- The reproductive system
Chap 14-Human Evolution (UT 4)
Chap-15- Population
Chap 16- Pollution

- And all the chapters of I Term + II Term will be included in final exams.

Physical Education

TERM 1

SECTION A

---------------------------- (Theory)

1.Human Growth and Development (UT-1)

2.Physical Education

3.Body Types

4.Physical Fitness (UT 2)

SECTION B (Games)

1.Cricket

2.Football

3.Hockey

_____

TERM 2

SECTION A   (Theory)

1.Human Growth and Development

2.Physical Education

3.Body Types

4.Physical Fitness

5.Sports Training

6.Safety in Sports. (UT-3)

7.Health

Education

8.Career in Physical Education (UT-4)

SECTION B

. (Games)

1.Basketball

2.Volleyball

3.Badminton

4.Cricket

5.Football

6.Hockey

Economic Applications

TERM 1:

Chapter 1 – Demand : Law of demand and determinants of demand

Chapter 2 – Supply : Law of supply and determinants of supply

Chapter 3 – Elasticity of demand and supply

Chapter 4 –Factors of production : Land and Labour

Chapter 5 –Factors of production : Capital and entrepreneur

UT 1 :

Chapter 1 - Demand : Law of demand and determinants of demand

UT 2 :

Chapter 2 – Supply : Law of supply and determinants of supply

TERM 2 :

Chapter 1 – Demand : Law of demand and determinants of demand

Chapter 2 – Supply : Law of supply and determinants of supply

Chapter 3 – Elasticity of demand and supply

Chapter 4 –Factors of production : Land and Labour

Chapter 5 –Factors of production : Capital and entrepreneur

Chapter 6 – Forms of market structure : Basic concepts

Chapter 7 – The role of state in economic development

Chapter 8 – Public sector enterprises and their privatisation

Chapter 9 – Money and inflation

Chapter 10 – Banking : Commercial banks and central banks

UT 3 :
Chapter 6 - The nature of Indian Economy

UT 4:
Chapter 7 - The sectors of Indian Economy

Art (Drawing /Painting)

Paper -1- still life

Paper-2-nature

Class - 10

Paper - 1-still life

**Fruits arrangement

**Vegetables

 arrangement

**Musical instrument

**Breakfast arrangement

**Painting arrangement

**Study table arrangement

**Badminton kit

**Table in a Sikh room

**Cricket kit

Flowers arrangement... etc.....

Paper-2- nature

**Vegetables arrangement-tomato, onion, capsicum, brinjal, potato, garlic.. etc .

**Money plant in a pot

**Rose, Lily

**Cactus plant

**Snake plant

**Flowering bunch of a tree or shrub

**Daheliya

**Bamboo ,(sugarcan)

**Dahlia flower

**Bunch of hibicus

**Any flowers, any plants and any vegetables.. etc.

COMPUTER

TERM 1

Unit 1- Revision Tour Unit   1. Introduction to OOP concepts

          Revision Tour Unit 2   2. Elementary concept of objects and classes and Introduction to Java

Unit -2

3. Values and data types, operators and expressions, Input in Java and Mathematical library methods

4. Conditional constructs in Java

5. Iterative constructs in Java

1. Introduction to OOP

2. Elementary concept of objects and classes and Introduction to Java

3 Values and data types, operators and expressions, Input in Java and Mathematical library methods

4. Conditional constructs in Java

5. Iterative constructs in Java

chapter 2- class as the basis of all computation

chapter 3-User Defined Methods (Functions or Methods)

chapter 4 - Constructors

chapter 5- Library classes

 programming in Java of class 9 included

TERM 2

Unit 3-   7. Arrays

Unit 4-   8. String Handling

6. Encapsulation

7. Arrays (Single and Double Dimension Array)

8. String Handling

9. Output questions

+ Programming in Java of class 9 included

ROBOTICS AND ARTIFICIAL INTELLIGENCE

I TERM
PART 1
L-1 NEW AGE ROBOTIC SYSTEMS
L-2 FROM ROBOTS TO COBOTS
L-3 COMPONENTS OF ROBOTS AS A SYSTEM
PART 2
L-1 DECISION MAKING IN MACHINES/ COMPUTERS
L-2 MACHINE INTELLIGENCE AND CYBERSECURITY IN COMPUTING
UT-1
L-1 (PART 1) NEW AGE ROBOTIC SYSTEMS

UT-2
L-1(PART 2) DECISION MAKING IN MACHINES/ COMPUTERS

II TERM
PART 1
L-4 VISUALIZATION, DESIGN AND CREATION OF COMPONENTS
L-5 INTEGRATING ROBOTS AS A SYSTEM
PART 2
L-3 COMPONENTS OF AI PROJECT FRAMEWORK
L-4 INTRODUCTION TO DATA AND PROGRAMMING WITH PYTHON
+
(PART 2) L-2 MACHINE INTELLIGENCE AND CYBERSECURITY IN COMPUTING

UT 3
Robotic Project (any one)
UT 4
Programming in Python