

# St. Francis' Convent Inter College, Jhansi

## *Class 9 Syllabus (2026-27)*

### English Language

#### TOPICS COVERED

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

#### **I<sup>st</sup> Term**

- TOTAL ENGLISH
- MODEL PAPERS – 1 to 8

INTERNAL ASSESSMENTS:

#### **I<sup>st</sup> Unit Test**

Functional Grammar

#### **II<sup>nd</sup> Unit Test**

- Speaking and Listening Skills.

#### **II<sup>nd</sup> Term**

- MODEL PAPERS – 9 to 15

INTERNAL ASSESSMENTS:

#### **III<sup>rd</sup> Unit Test**

Letter Writing, E-mail & Notice

#### **IV<sup>th</sup> UnitTest**

- Speaking and Listening Skills.

## English Literature

### 1<sup>st</sup> 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

### 1<sup>st</sup> Unit Test

Bonku Babu's friend

### II<sup>nd</sup> Unit Test

1. The Night Mail (poem)
2. Act 1 scene 1 Julius Caesar

### II<sup>nd</sup> 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

### III<sup>rd</sup> Unit Test

Home-coming(prose)

### IV<sup>th</sup> Unit Test

1 A Work of Artifice(poem)

2.Act 2 scene1(entry of conspirators) JULIUS CAESAR

FIRST TERM SYLLABUS WILL BE INCLUDED IN THE FINAL EXAMINATION.

## HINDI

### 1<sup>st</sup> Term

#### साहित्य सागर :

- बात अठनी की
- काकी
- महायज्ञ का पुरस्कार

#### एकांकी संचय :

- संस्कार और भावना
- बहू की विदा

#### हिंदी व्याकरण :

- निबंध
- पत्र
- अपठित गद्यांश
- उक्ति पर आधारित कहानी लेखन
- चित्र पर आधारित प्रस्ताव लेखन

- अशुद्धि शोधन
- वर्तनी शुद्ध
- पर्यायवाची विलोम
- विशेषण
- भाववाचक संज्ञा
- मुहावरे
- लिंग
- वचन काल
- तत्सम, तद्भव
- वाक्यांश

### **II<sup>nd</sup> Term**

#### **साहित्य सागर :**

- बात अठनी की
- काकी
- महायज्ञ का पुरस्कार
- नेताजी का चश्मा
- अपना अपना भाग्य
- बड़े घर की बेटी

#### **एकांकी संचय :**

- संस्कार और भावना
- बहू की विदा
- मातृ भूमि का मान

## हिंदी व्याकरण :

- निबंध
- पत्र
- अपठित गद्यांश
- उक्ति पर आधारित कहानी लेखन
- चित्र पर आधारित प्रस्ताव लेखन
- अशुद्धि शोधन
- वर्तनी शुद्ध
- पर्यायवाची विलोम
- विशेषण
- भाववाचक संज्ञा
- मुहावरे
- लिंग
- वचन काल
- तत्सम, तद्भव
- वाक्यांश

### I<sup>st</sup> Unit Test

बात अठग्री की

### II<sup>nd</sup> Unit Test

- पर्यायवाची शब्द
- विलोम शब्द
- वर्तनी शुद्ध
- विशेषण
- तत्सम- तद्भव

### III<sup>rd</sup> Unit Test

नेताजी का चशमा

## **IV<sup>th</sup> Unit Test**

- वाक्य परिवर्तन
- मुहावरे
- वाक्यांश

## **Mathematics**

### **I<sup>st</sup> Term :**

Chapter -1 Rational and irrational numbers

Chapter -2 Compound Interest (Stage 1)

Chapter -3 Compound Interest (Stage 2)

Chapter -4 Expansions

Chapter -5 Factorisation

Chapter -7 Indices

Chapter -9 Triangles (Congruency)

Chapter-10 Isosceles Triangles (Including Inequalities)

Chapter -11 Mid Point Theorem And Its Converse

Chapter -12 Pythagoras Theorem

Chapter -17 Statistics

Chapter -19 Area And Perimeter Of Plane Figures

Chapter -21 Trigonometrical Ratios

Chapter -23 Co-Ordinate Geometry

### **I<sup>st</sup> Unit Test**

Chapter -2 Compound Interest (Stage 1)

### **II<sup>nd</sup> Unit Test**

Chapter 5 Factorisation

## **II<sup>nd</sup> Term**

Chapter -6 Simultaneous Linear Equations

Chapter -8 Logarithms

Chapter -13 Rectilinear Figures

Chapter -14 Construction Of Polygons

Chapter -15 Area Theorem

Chapter -16 Circle

Chapter -18 Mean And Median

Chapter -20 Solids

Chapter -22 Solution Of Right Triangles

Chapter -24 Graphical Solution

Chapter -25 Distance Formula

## **III<sup>rd</sup> Unit Test**

Chapter -6 Simultaneous Linear Equations

## **IV<sup>th</sup> Unit Test**

Chapter – 25 Distance Formula

## **History and Civics**

### **I<sup>st</sup> Term**

#### **History**

Lesson 1: The Harappan Civilisation

Lesson 2: The Vedic Period

Lesson 3: Jainism and Buddhism

Lesson 4: The Mauryan Empire

Lesson 5: The Sangam Age

Lesson 6: The Golden Age of the Guptas

#### **Civics**

Lesson 1: Our Constitution

**Lesson 2:Basic Features of the Constitution**

**Lesson 3:Fundamental Rights and Duties**

**I<sup>st</sup> Unit Test**

**Lesson 1:The Harappan Civilisation**

**II<sup>nd</sup> Unit Test**

**Lesson 2:The Vedic Period (History)**

**Lesson 1:Our Constitution (Civics)**

**II<sup>nd</sup> Term**

**History**

**Lesson 7:Medieval India: South India and the Cholas**

**Lesson 8:Medieval India: The Delhi Sultanate**

**Lesson 9:The Mughal Empire**

**Lesson 10:Composite Culture: The Sufi and Bhakti Movements**

**Lesson 11:Modern Age in Europe: The Renaissance**

**Lesson 12:The Reformation**

**Lesson 13:The Industrial Revolution**

**Civics**

**Lesson 4:Directive Principles of State Policy**

**Lesson 5:Elections**

**Lesson 6:The State Legislature**

**III<sup>rd</sup> Unit Test**

**Lesson 8:Medieval India: The Delhi Sultanate (History)**

**Lesson 4:Directive Principles of State Policy(Civics)**

**IV<sup>th</sup> Unit Test**

**Lesson 9:The Mughal Empire (History)**

**Lesson 5:Elections (Civics)**

# Geography

## **I<sup>st</sup> Term**

Ch 1: Earth as a Planet

Ch 3: Rotation and Revolution

Ch 4: Earth's Structure

Ch 6: Rocks

Ch 7: Volcanoes

Ch 12: Composition and Structure of the Atmosphere

Ch 14: Atmospheric Pressure and Winds

Ch 16: Pollution

Ch 17: Sources of Pollution

- Physical Map of the World

## **I<sup>st</sup> Unit Test**

World Map (Oceans, seas, gulfs, straits and rivers)

## **II<sup>nd</sup> Unit Test**

Rotation and Revolution

## **II<sup>nd</sup> Term**

Ch 2: Latitudes and Longitudes

Ch 8: Earthquakes

Ch 9: Weathering

Ch 13: Insolation

Ch 15: Humidity

Ch 18: Effects of Pollution

Ch 19: Preventive Measures

- Physical Map of the World

## **III<sup>rd</sup> Unit Test**

Earthquakes

## **IV<sup>th</sup> Unit Test**

Weathering

## Physics

### I<sup>st</sup> Term

1. Measurements and Experimentation. 1(a),1(c).
2. Motion in One Dimension
3. Laws of Motion
4. Pressure in Fluids and Atmospheric Pressure
5. Upthrust in Fluids, Archimedes Principle and Floatation.

### I<sup>st</sup> Unit Test

1. Measurements and Experimentation. 1(a), 1(c).

### II<sup>nd</sup> Unit Test

2. Laws of Motion

### II<sup>nd</sup> Term

3. Laws of Motion
4. Pressure in Fluids and Atmospheric Pressure
6. Heat and Energy
7. Reflection of Light
8. Propagation of Sound Waves
9. Current Electricity
10. Magnetism

### III<sup>rd</sup> Unit Test

6. Heat and Energy

### IV<sup>th</sup> Unit Test

8. Propagation of Sound Waves

## Chemistry

### I<sup>st</sup> Term

Chapter 1-The language of Chemistry

Chapter 2-Chemical Changes and Reactions

**Chapter 3-Water**

**Chapter 4-Atomic structure and chemical bonding**

**Chapter 5-The Periodic table**

**I<sup>st</sup> Unit Test**

**Chapter 1 -The language of Chemistry**

**II<sup>nd</sup> Unit Test**

**Chapter 3-Water**

**II<sup>nd</sup> Term**

**Chapter 6-Study of the first element - Hydrogen**

**Chapter 7-Study of Gas law**

**Chapter 8-Atmospheric Pollution**

**Chapter 9- Practical Work**

**Ist Term syllabus is also included**

**III<sup>rd</sup> Unit Test**

**Chapter 6-Study of the first element - Hydrogen**

**IV<sup>th</sup> Unit Test**

**Chapter 7 -Study of Gas law**

**Biology**

**I<sup>st</sup> Term**

**Chapter 2- Cell**

**Chapter 3- Tissue**

**Chapter 4- Flower**

**Chapter 5- Pollination**

**Chapter 6- Seeds**

**Chapter 7- Respiration**

**Chapter 17- Aids to Health**

**Chapter 18- Health Organization**

**Chapter 19- Waste generation and management**

**I<sup>st</sup> Unit Test**

**Chapter 2- Cell**

**II<sup>nd</sup> Unit Test**

**Chapter 5- Pollination**

**II<sup>nd</sup> Term**

**Chapter 8- Five Kingdom classification**

**Chapter 9- Economic importance of Bacteria and Fungi**

**Chapter 10- Nutrition**

**Chapter 11- Digestive system**

**Chapter 12- Skeleton**

**Chapter 13- Skin**

**Chap 14- The Respiratory system**

**Chap 15- Health and Hygiene**

**Chap 16- Diseases**

**III<sup>rd</sup> Unit Test**

**Chapter 9- Economic importance of Bacteria and Fungi**

**IV<sup>th</sup>Unit Test**

**Chapter 11- Digestive system**

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

**Robotics and Artificial Intelligence**

**I<sup>st</sup> Term**

**Robotics**

**Unit 1**

**Chapter 1 - Understanding Robots**

**Chapter 2- Evolution of Robots and laws of Robotics**

**Chapter 3- Classification of Robots**

**Chapter 4- Real world Robots**

**Unit 2**

**Chapter 1- Building Blocks of Robots**

**Chapter 2- Identification of Robots**

## **Artificial Intelligence**

**Unit 1**

**Chapter 1- The Evolution Of Ai**

**Chapter 2- Applications And Benefits Of Ai**

**Chapter 3 - Ethical Considerations In Ai**

**Unit 3**

**Chapter 1- Familiarization With Python**

**Chapter 2- Introduction To Data Types And Variables**

**Chapter 3- Introduction to Operators**

**I<sup>st</sup> Unit Test**

**Robotics Unit 1**

**Chapter 1 - Understanding Robots**

**II<sup>nd</sup> Unit Test**

**AI Unit 1**

**Chapter 1- The Evolution of AI**

**II<sup>nd</sup> Term**

## **ROBOTICS**

**Unit 3**

**Chapter 1 - Motion, Joints and Links in Robotics**

**Chapter 2- Using Links and Joints to create Specific Motion**

**Chapter 3- Degree of freedom in robots**

## **ARTIFICIAL INTELLIGENCE**

**Unit 2**

**Chapter 1- Data and information**

**Chapter 2- Evolution of Computing**

**Unit 3**

**Chapter 4- Conditional Statements**

**Chapter 5- Control Statements**

**Chapter 6- Functions**

**Unit 4**

**Chapter 1- AI Concepts**

**Chapter 2- AI Project Framework**

### **III<sup>rd</sup> Unit Test**

**Robotics Unit 3**

**Chapter 1- Motion, Joints and Links in Robotics**

### **IV<sup>th</sup> Unit Test**

**Artificial Intelligence**

**Chapter 4 Conditional statements**

## **COMPUTER APPLICATIONS**

### **I<sup>st</sup> Term**

**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)**

**6. Input in Java (Scanner class)**

**+ Programs in Java**

### **I<sup>st</sup> Unit Test**

**1. Introduction to Object Oriented Programming Concepts**

### **II<sup>nd</sup> Unit Test**

**3. Values, Data Types and Errors**

### **II<sup>nd</sup> Term**

**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**

### **III<sup>rd</sup> Unit Test**

**6. Input in Java (Scanner class) and Programs in java**

### **IV<sup>th</sup> Unit Test**

**7. Mathematical Library Methods and Programs in Java**

## **Physical Education**

### **I<sup>st</sup> Term**

**(Section A)**

**Chap. No. 1: The Human Anatomy and Physiology**

**Chap. No. 2: Muscular System**

**Chap. No. 3: Respiratory System**

**(Section - B)**

**Chap. No. 1: Cricket**

**Chap. No. 2: Football**

**Chap. No. 3: Hockey**

**I<sup>st</sup> Unit Test**

**The Human Anatomy and Physiology**

**II<sup>nd</sup> Unit Test**

**Respiratory System**

**II<sup>nd</sup> Term**

**(Section A)**

**Chap. No. 4: Circulatory System**

**Chap. No. 5: Games and Sports**

**(Section - B)**

**Chap. No. 4: Basketball**

**Chap. No. 5: Volleyball**

**Chap. No. 6: Badminton + First Term Syllabus**

**III<sup>th</sup> Unit Test**

**Circulatory System**

**IV<sup>th</sup> Unit Test**

**Games and Sports**

**Economics Applications**

**I<sup>st</sup> Term**

**Chapter 1 – Meaning and definitions of Economics**

**Chapter 2 – Basic concepts of Economics**

**Chapter 3 – Economy and economic entities**

**Chapter 4 – Basic problems of an economy**

**Chapter 5 – Nature and the classification of an economy**

**Chapter 6 – Solutions to the basic economic problems in different economies**

**I<sup>st</sup> Unit Test**

**Chapter 1 - Meaning and definitions of Economics**

**II<sup>nd</sup> Unit Test**

**Chapter 2 – Basic concepts of Economics**

**II<sup>nd</sup> Term**

**Chapter 1 – Meaning and definitions of Economics**

**Chapter 2 – Basic concepts of Economics**

**Chapter 7 – The nature of Indian Economy**

**Chapter 8 – The sectors of Indian Economy**

**Chapter 9 – Impact of agricultural and industrial practices on the ecosystem**

**Chapter 10 – Infrastructure of the Indian Economy**

**Chapter 11 – Social infrastructure of the Indian Economy**

**Chapter 12 – Consumer Awareness**

**Chapter 13 – Globalisation**

**III<sup>rd</sup> Unit Test**

**Chapter 7 - The nature of Indian Economy**

**IV<sup>th</sup> Unit Test**

**Chapter 8 - The sectors of Indian Economy**

**Art -( Drawing and Painting)**

**Paper - 1- Still life**

**Paper - 2- Nature**

**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..... Unit Test 3

**Paper-2- Nature**

Vegetable 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, (sugarcane)
- Dahlia flower
- Bunch of hibiscus
- Any flowers, any plants and any vegetables.. etc.
- Project work (100 marks)
- Complete still life file and nature file
- Any four craft work.