

St. Francis' Convent Inter College

Jhansi

Class IX

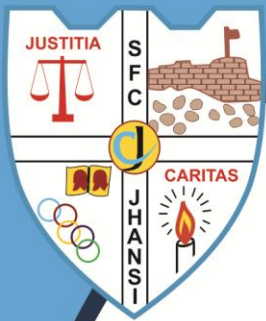
MATHEMATICS

Term I

- Chapter-1: Rational and Irrational Numbers
- Chapter-2: Compound Interest
- Chapter-3: Compound Interest (Using Formula)
- Chapter-4: Expansions
- Chapter-5 : Factorization
- Chapter-9 : Triangles
- Chapter-10: Isosceles Triangle
- Chapter-11: Inequalities
- Chapter-18: Statistics
- Chapter-20: Area and Perimeter of Plane Figures
- Chapter-22: Trigonometric Ratios
- Chapter-23: Trigonometric Ratios of Standard Angles
- Chapter-26: Co-ordinate Geometry
- Chapter-28: Distance Formula

Term II

- Chapter-6: Simultaneous (Linear Equations)
- Chapter-7: Indices
- Chapter-8: Logarithms
- Chapter-12: Mid- Point and its Converse
- Chapter-13: Pythagoras Theorem
- Chapter-14 : Rectilinear Figures
- Chapter-15: Construction of Polygons



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- 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

PHYSICS

Term I

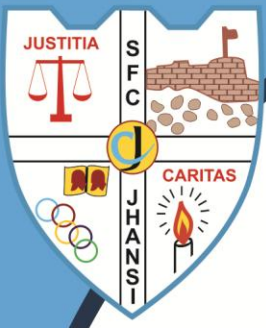
- Chapter -1: Measurement and Experimentation
- Chapter -2: Motion in one Dimension
- Chapter -3: Laws of Motion

Term II

- Chapter -4: Pressure in Fluids and Atmospheric Pressure
- Chapter -5: Upthrust in fluids Archimedes principle and floatation
- Chapter -6: Heat and Energy

Term III

- Chapter -8: Propagation of Sound Waves
- Chapter -9: Current Electricity
- Chapter -10: Magnetism



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HINDI

Term I

साहित्य सागर:

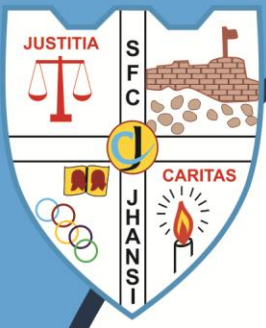
- Chapter -1: बात अड्डनी की
- Chapter -2: काकी

एकांकी संचय:

- संस्कार और भावना

हिन्दी व्याकरण:

- पर्यायवाची शब्द
- विलोम शब्द
- विशेषण
- भाववाचक संज्ञा
- वाक्य परिवर्तन
- वाक्य परिवर्तन
- वाक्य विचार
- मुहावरे और लोकोक्तियाँ
- तत्सम - तत्भव शब्द
- पत्र लेखन
- अपठित गद्यांश



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- निबंध लेखन
- कहानी लेखन
- चित्र पर आधारित प्रस्ताव
- वाक्यांश
- अशुद्धि
- शोधन
- लिंग और वचन परिवर्तन
- काल परिवर्तन

Term II

साहित्य सागर:

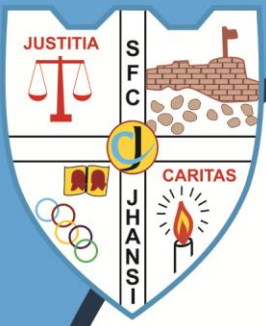
- Chapter -3: महायज्ञ का पुरस्कार
- Chapter -4: नेता जी का चश्मा

एकांकी संचय:

- बहू की विदा

हिन्दी व्याकरण

- प्रथम सत्र के अनुसार



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Term III

साहित्य सागर:

- Chapter -5: अपना अपना भाग्य
- Chapter -6: बड़े घर की बेटी

एकांकी संचय:

- मातृभूमिका मान

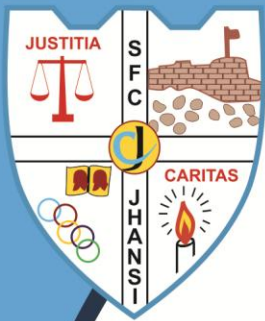
हिन्दी व्याकरण:

- प्रथम तथा द्वितीय सत्र के अनुसार

GEOGRAPHY

Term I

- Chapter -1: The Earth as a Planet
- Chapter -4: Earth's Structure
- Chapter -5: Landforms of the Earth
- Chapter -6: Rocks
- Chapter -7: Volcanoes
- Chapter -8: Earthquakes
- Chapter -9: Weathering
- Chapter -10: Denudation



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Term II

- Chapter -2: Geographic Grid Latitudes & Longitudes
- Chapter -3: Rotation and Revolution
- Chapter -11: Hydrosphere
- Chapter -12: Structure of the Atmosphere
- Chapter -13: Insolation
- Chapter -14: Atmospheric Pressure & Winds
- Chapter -15: Humidity

Term III

- Chapter -16: Pollution
- Chapter -17: Sources of Pollution
- Chapter -18: Effects of Pollution
- Chapter -19: Preventive Measures
- Chapter -20: Natural Regions of the world
- Full Syllabus

ENGLISH LITERATURE

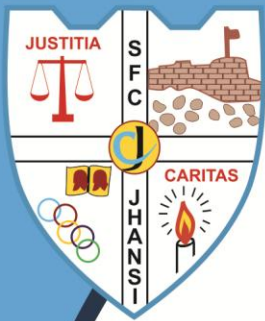
Term I

PROSE:

- Chapter -1: Chief Seattle's Speech
- Chapter -2: The Old Man at the Bridge

POEMS:

- P - 1: The Heart of the Tree
- P - 2 :The Cold Within



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DRAMA:

- The Merchant of Venice (Act I Scene 1, 2 & 3)

Term II

PROSE:

- Chapter -3: A Horse and Two Goats
- Chapter -4: Hearts and Hand

POEMS:

- P - 3: The Bangle Sellers
- P - 4: After Blenheim

DRAMA:

- The Merchant of Venice (Act II Scene 1- 9)

Including Ist Term

Term III

PROSE:

- Chapter -5: A face in the Dark
- Chapter -6: An Angel in Disguise

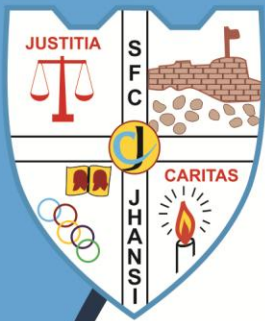
POEMS:

- P-5: Television
- P-6: Daffodils

DRAMA:

- The Merchant of Venice (Act III Scene 1 only)

Including Ist & IInd Term



PHYSICAL EDUCATION

Term I

Part A (Section A):

- Chapter -1: The Human Anatomy and Physiology
 - I. Skeleton System Bone
 - II. Classification of Different types of Joints
 - III. Types of Joints Movements in Physical Activities
 - IV. Benefits of Exercise of the Skeleton System
- Chapter -2: Muscular System
 - I. Types of Muscles
 - II. Identification of Muscles
 - III. Benefits of Exercise on the Muscular System
- Chapter -3: Respiratory System

Part B (Section B):

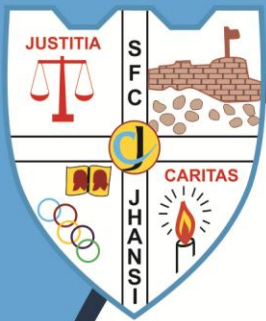
- Games and Sports
 - I. Cricket
 - II. Hockey
 - III. Basketball
 - IV. Volleyball

Term II

- First Term

Part A (Section A):

- Chapter -4: Circulatory System



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Part B (Section B):

- I. Badminton
- II. Football
- III. Basketball
- IV. Hockey

Term III

- IIst Term Syllabus

Part A (Section A):

- Chapter -5

Part B (Section B):

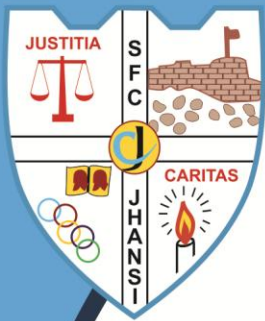
- Games and Sports
 - I. Cricket
 - II. Volleyball
 - III. Basketball
 - IV. Badminton

HISTORY & CIVICS

Term I

History:

- Chapter -1: Harappan Civilization
- Chapter -2: Vedic Period
- Chapter -3: Rise of Jainism and Buddhism
- Chapter -4: The Mauryan Empire
- Chapter -5: The Sangam Age



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Civics:

- Chapter -1: Our Constitution
- Chapter -2: The Salient Features of our Constitution
- Chapter -3: Fundamental Rights and Duties

Term II

History:

- Chapter -6: The Age of the Guptas
- Chapter -7: (a) Medieval India (The Cholas)
(b) The Delhi Sultanate
- Chapter -8: (a) The Mughal Empire

Civics:

- Chapter -4: Directive Principles of State Policy
- Chapter -5: Elections

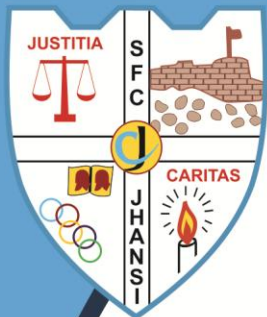
Term III

History:

- Chapter -8: Composite Culture
- Chapter -9: (a) Composite Culture
(b) The Reformation
(c) The Modern Age in Europe
- All Chapters from First & Second Term

Civics:

- Chapter -6: Local Self Government (Rural)
- Chapter -7: Local Self Government (Urban)
- All Chapters from First & Second Term



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COMPUTER

Term I

- Chapter -1: Introduction to Object Oriented Programming Concepts
- Chapter -2: Elementary Concepts of Objects and Classes
- Chapter -3: Value, Data Types
- Chapter -4: Operators and Expressions in Java
- Chapter -8: Conditional Constructs in Java
- Chapter -9: Iterative Constructs in Java

Term II

- Chapter -5: Classes and Methods
- Chapter -6: Input in Java
- Chapter -7: Mathematical Library Methods
- Chapter -9: Iterative Constructs in Java
- Chapter -10: Nested Iteration in Java
- Chapter -11: Computing and Ethics

CHEMISTRY

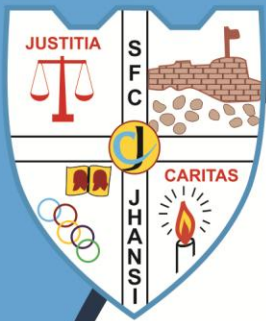
Term I

- Chapter -1: The Language of Chemistry
- Chapter -2: Chemical Changes and Reactions
- Chapter -3: Water

Term II

- Chapter -4: Atomic Structure and Chemical Bonding
- Chapter -5: The Periodic Table
- Chapter -6: Study of the First element – Hydrogen

First Term Syllabus



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Term III

- Chapter -7: Study of Gas Laws
- Chapter -8: Atmospheric Pollution
- Chapter -9: Practical Work

First Term and Second Term Chapters

JUSTITIA



BIOLOGY

Term I

Unit-1: Basic Biology

- Chapter -1: Cell-The Unit of Life
- Chapter -2: Tissues

Unit-2: Flowering plants

- Chapter -4: The Flower
- Chapter -5: Pollination and Fertilization
- Chapter -6: Seeds – Structure and Germination
- Chapter -7: Respiration in Plants

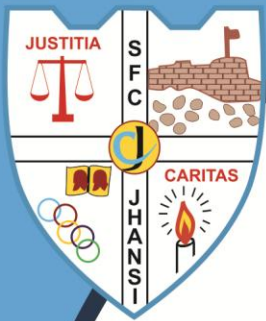
Unit-6: Health & Hygiene

- Chapter -18: Health Organization

Term II

Unit-4: Diversity in living organism

- Chapter -8: Five Kingdom Classification
- Lesson-9: Economic Importance of Bacteria and Fungi



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Unit-5: Human Anatomy and Physiology

- Chapter -10: Nutrition
- Chapter -11: Digestive System
- Chapter -12: Skelton– Movement and Locomotion

Unit-6: Health & Hygiene

- Chapter -15: Hygiene
- Chapter -17: Aids to Health

Term III

Unit-5: Human Anatomy and Physiology

- Chapter -13: Skin– Jack of all Trades
- Chapter -14: The Respiratory System
- Chapter -16: Diseases– Cause and Control
- Chapter 19: Waste Generation and Management