

## Class X

### English Literature

#### Term I

*Treasure Trove – A Collection of ICSE (Poems)*

- I Know Why the Caged Bird Sings – Maya Angelou
- The Patriot – Robert Browning

*Treasure Trove – A Collection of ICSE (Short Stories)*

- The Little Match Girl – Hans Christian Andersen
- The Blue Bend – Norah Burke

*The Merchant of Venice – (Drama)*

- Act IV – Scene 1 & 2

(Including Class IX syllabus of English (Full))

#### Term II

*Treasure Trove – A Collection of ICSE (Poems)*

- Abou Ben Adhem – Leigh Hunt
- Nine Gold Medals – David Roth

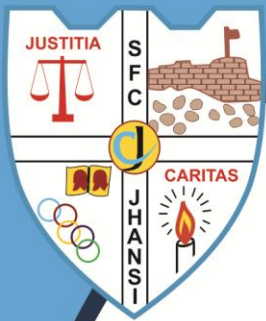
*Treasure Trove – A Collection of ICSE (Short Stories)*

- My Greatest Olympic Prize – Jesse Owens
- All Summer in a Day – Ray Bradbury

*The Merchant of Venice – (Drama)*

- Act V

(Including First Term and Class IX syllabus)



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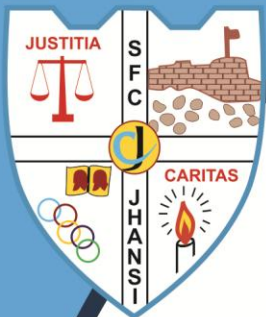
## Mathematics

### Term I

- Lesson-1: G.S.T
- Lesson-2: Banking
- Lesson-3: Shares & Dividend
- Lesson-4: Linear Inequality
- Lesson-5: Quadratic Equations
- Lesson-6: Solving problems
- Lesson-10: Arithmetic Progression
- Lesson-11: Geometric Progression
- Lesson-12: Reflection
- Lesson-13: Section and Mid-Point Formula
- Lesson-15: Similarity
- Lesson-17: Circles
- Lesson-21: Trigonometrical Identities

### Term II

- Lesson-7: Ratio & Proportion
- Lesson-8: Remainder & Factor Theorem
- Lesson-9: Matrices
- Lesson-14: Equation of a line
- Lesson-16: Loci
- Lesson-18: Tangents and Intersecting Chords
- Lesson-19: Constructions
- Lesson-20: Cylinder, cone & Sphere
- Lesson-22: Heights and Distances
- Lesson-24: Measures of Central Tendency
- Lesson-25: Probability



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## Physics

### Term I

- Lesson: 1 to 6

### Term II

- Full Book (All Chapters)

## Chemistry

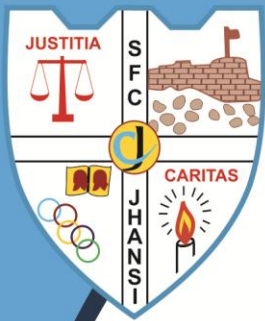
### Term I

- Lesson-1: Periodic Table and Properties, Variations in Periodic properties
- Lesson-2: Chemical Bonding
- Lesson-3: Acids, Bases and Salts
- Lesson-4: Analytical Chemistry
- Lesson-5: Mole Concept & Stoichiometry
- Lesson-6: Electrolysis

### Term II

- Lesson-7: Metallurgy
- Lesson-8: Study of compounds – HCl
- Lesson-9: Study of compounds – Ammonia
- Lesson-10: Study of compounds – Nitric Acid
- Lesson-11: Study of compounds – Sulphuric Acid
- Lesson-12: Organic Chemistry

*Including First Term syllabus*



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## Biology

### Term I

#### *Unit-1: Basic Biology*

- Lesson-2: Structure of Chromosomes, Cell Cycle and Cell division
- Lesson-3: Genetics

#### *Unit-2: Plant Physiology*

- Lesson-4: Absorption by roots
- Lesson-5: Transpiration
- Lesson-6: Photosynthesis
- Lesson-7: Chemical Co-ordination in Plants

#### *Unit-5: Population*

- Lesson-15: Population - The increasing numbers and rising problems

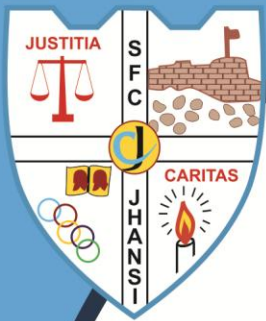
#### *Unit-6: Pollution*

- Lesson-16: Pollution - A rising environmental Problem

### Term II

#### *Unit-3: Human Anatomy and Physiology*

- Lesson-8: The Circulatory System
- Lesson-9: The Excretory System
- Lesson-10: The Nervous System
- Lesson-11: Sense Organs
- Lesson-12: The Endocrine System
- Lesson-13: The Reproductive System



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## *Unit-4: Human Evolution*

- Lesson-14: Human Evolution

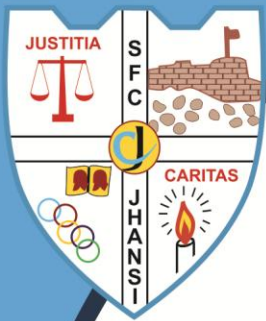
## Geography

### Term I

- Climate of India
- Soil Resources in India
- Natural Vegetation
- Water Resources
- Mineral Resources
- Conventional Sources of Energy
- Non-Conventional Sources of Energy

### Term II

- Agriculture in India-I
- Agriculture in India-II
- Agriculture in India-III
- Agriculture in India-IV
- Agro-Based Industries
- Mineral Based Industries
- Transport
- Waste-Impact of Waste
- Waste Management
- Safe Disposal of Waste
- Reduce, Reuse, Recycle



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## History/Civics

### Term I

#### *History – Modern Indian History*

- The First War of Independence, 1857
- Factors promoting growth of Nationalism, Foundation of Indian National Congress
- First Phase of Indian Nationalist Movement (1885- 1907)
- Second Phase of Indian Nationalist Movement (1905 - 1916)
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- The National Movement (1915 – 1934)
- Quit India Movement
- Forward bloc and INA
- Independence and Partition of India

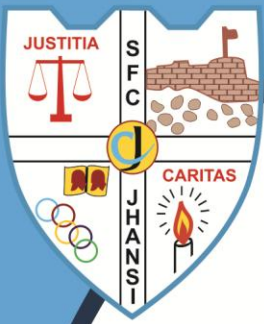
#### *Civics*

- The Union Legislature: The Rajya Sabha and the Lok Sabha
- The Union Executive: The President and The Vice President

### Term II

#### *History – The Contemporary World*

- The First World War
- Rise of Dictatorship
- The Second World War
- The United Nations
- Major Agencies of The United Nations
- Non-Aligned Movement
  - (Including First Term Syllabus)



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## Civics

- The Union Executive: The Prime Minister and Council of Ministers
- The Judiciary: The Supreme Court
- The Judiciary: b) The High Court c) Subordinate Courts

## Economics

### Term I

- Lesson-1: Demand
- Lesson-2: Supply
- Lesson-3: Elasticity of Demand and Supply
- Lesson-4: Factors of Production
- Lesson-5: Capital and Entrepreneur

### Term II

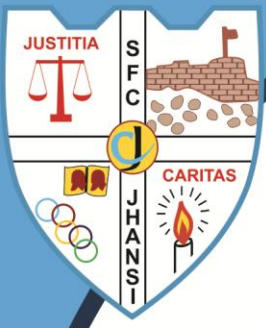
- Lesson-6: Forms of Market
- Lesson-7: Role of State in Economic development
- Lesson-8: Public Sector Enterprises and their privatization
- Lesson-9: Money and Inflation
- Lesson-10: Banking

## Hindi

### Term I

#### साहित्य सागर

- दो कलाकार
- नेता जी का चश्मा



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## एकांकी संचय

- महाभारत की साँझ

*Class IX से जामुन का पेड़, बात अठन्नी की एवं संस्कार और भावना*

## हिंदी व्याकरण

पर्यायवाची, विलोम शब्द, विशेषण, तत्सम - तदभव शब्द, भाववाचक संज्ञा, वाक्य परिवर्तन, वाच्य परिवर्तन, वाक्य विचार, मुहावरे एवं लोकोक्ति, पत्र लेखन, निबंध लेखन, कहानी लेखन, चित्र पर आधारित प्रस्ताव, अशुद्धि शोधन, लिंग तथा वचन परिवर्तन, काल परिवर्तन, अपठित गद्यंश, वाक्यंश |

## Term II

### साहित्य सागर

- बड़े घर की बेटी
- अपना-अपना भाग्य

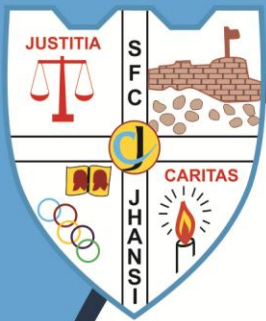
### एकांकी संचय

- मातृभूमि का गान
- बहु की विदा

## हिंदी व्याकरण

प्रथम सत्र के अनुसार





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## Computer

### Term I

- Chapter-1: Revision Tour
- Chapter-2: Classes as the basis of all computation
- Chapter-3: Function or Methods
- Chapter-4: Constructors
- Chapter-6: Encapsulation

### Term II

- Chapter-5: Library Classes
- Chapter-7: Arrays
- Chapter-8: String Handling
- Chapter-9: Error handling and exception
- Chapter-10: Output Questions

## Physical Education

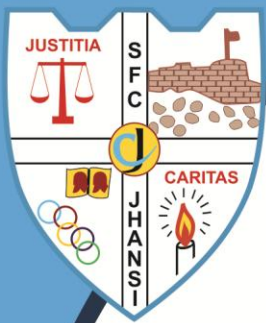
### Term I

#### Section A

- Chapter-1: Human Growth and development
- Chapter-2: Physical Education
- Chapter-3: Body Types
- Chapter-4: Physical Fitness

#### Section B

- Cricket
- Hockey



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- Basketball
- Badminton

## Term II

### Section A

- Chapter-5: Sports Training
- Chapter-6: Safety in sports

*Including First Term Syllabus*

### Section B

- Full Book (All Chapters)

