

St. Xavier's School, Doranda, Ranchi

Syllabus for Second Terminal Examination - 2024 – 2025

**Class IX**

**English Language**

1. The entire syllabus covered in First Term
2. Notice and email writing

**English Literature**

1. Act 2 Sc 1 (Julius Caesar)
  2. A Doctor's Journal (poem)
  3. The Boy who broke the bank (prose)
  4. All the chapters covered in First Term Exam
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**Hindi**

**Section-A (40 Marks)**

**2<sup>nd</sup> Term**

भाषा –सरस हिन्दी व्याकरण

\*प्रस्ताव लेखन - 11-20

\*कहानी लेखन

\*चित्र लेखन

\*पत्र लेखन – औपचारिक

अनौपचारिक

\*भाव ग्रहण (अपठित गद्यांश )

व्यावहारिक व्याकरण – संपूर्ण

**Section- B (40 Marks)**

साहित्य –गद्य

- नेता जी का चश्मा
- अपना-अपना भाग्य
- महायज्ञ का पुरस्कार

पद्य –

- \* वह जन्मभूमि मेरी
  - \*सूर के पद
  - \*गिरिधर की कुंडलियाँ
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## History

### Chapter- The Union Executive: The President and the Vice President

- Factors promoting growth of nationalism AND Foundation of the Indian National Congress
  - The Second World War
  - The United Nations
  - Major Agencies of the United Nations
  - Non-Aligned Movement
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## GEOGRAPHY

1. Chapter 9- Weathering
2. Chapter 11- Hydrosphere
3. Chapter 13 – Insolation
4. Chapter 14- Atmospheric Pressure and Winds
5. Chapter 6- Rocks (From the 1<sup>st</sup> term)
6. MAP WORK:

World Map – Mountains and Plateaus.

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## MATHEMATICS

### SYLLABUS FOR SECOND TERM

1. ISOSCELES TRIANGLES
2. PYTHAGORAS THEOREM
3. TRIGONOMETRICAL RATIOS
4. TRIGONOMETRICAL RATIOS OF STANDADR ANGLES
5. SOLUTION OF RIGHT TRIANGLES
6. COMPLEMENTRY ANGLES
7. MID-POINT THEOREM AND ITS CONVERSE
8. RECTILINEAR FIGURES
9. CONSTRUCTION OF POLYGONS

### CHAPTERS TO BE INCLUDED FROM 1<sup>ST</sup> TERM

1. INDICES
  2. EXPANSIONS
  3. FACTORISATION
  4. SIMULTANEOUS EQUATIONS
  5. CO-ORDINATE GEOMETRY(Chapter 26)
  6. GRAPHICAL SOLUTIONS (Chapter 27)
  7. CONGURENCY IN TRIANGLES
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## **Physics**

Syllabus of 2nd term

Ch 7 : Reflection of light

Ch 4 : Pressure in fluids and Atmospheric Pressure

Ch 5 : Upthrust in Fluids, Archimedes ' principle and flotation.

Portion included from 1st term

Ch 2 : Motion in One Dimensions

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## **CHEMISTRY**

Chapter 1- Language of chemistry

Chapter 2- Chemical changes and reactions

Chapter 4- Atomic structure and Chemical bonding

Chapter 5- The Periodic Table

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## **BIOLOGY**

1. CELL
  2. POLLINATION AND FERTILIZATION
  3. RESPIRATION IN PLANTS
  4. NUTRITION
  5. DIESTIVE SYSTEM
  6. SKELETON
  7. AIDS TO HEALTH
  8. HEALTH ORGANIZATION
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## **Economic Applications**

Ch2 Basic Economic Entities in an Economy (Excluding Classification of Consumers and Producers)

Ch3 Basic Problems of an Economy

Ch4 Types of Economies

Ch5 Characteristics of Indian Economy

Ch6 Main Sectors of Indian Economy : Agriculture

Ch7 Main Sectors of Indian Economy: Industry

Ch8 Main Sectors of Indian Economy: Services

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## Moral Science

Chapter-9 Corruptions

Chapter-10 -Respect the Other

Chapter -5 Stress Management

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## Computer

Std-IX (80 Marks)

Concepts of OOP

Java Programming

Math.abs( ) ; Math.sqrt( ) ; Math.pow( ) ; Math.cbrt( ) ; Math.max( ) ;  
Math.min( ).

All programming done in 1<sup>st</sup> Term including Decision-Making

switch – case ; Fallthrough.

Definition & Syntax of for, while and do-while Loops.

Programming using the “for” Loop.

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