



**RAMJAS SCHOOL, ANAND PARVAT, NEW DELHI-05**  
**SYLLABUS FOR SESSION 2024-2025**  
**CLASS XI - SCIENCE**

**SUBJECT: ENGLISH**

UNIT TEST - I	(HALF YEARLY)
<p><b>READING COMPREHENSION</b> -Unseen Passage for Comprehension</p> <p><b>WRITING SKILLS</b></p> <p>1. Poster Making</p> <p>2. Classified Advertisement -Sale/Purchase</p> <p><b>GRAMMAR</b></p> <p>Determiners</p> <p>Editing</p> <p><b>LITERATURE - HORNBILL</b></p> <p>1. The Portrait Of A Lady</p> <p>2. We Are Not Afraid To Die...</p> <p>3. A Photograph (Poem)</p> <p><b>LITERATURE - SNAPSHOTS</b></p> <p>1. The Summer Of Beautiful White Horse</p> <p>2. The Address</p>	<p><b>READING COMPREHENSION</b> -Unseen Passage for Comprehension</p> <p>Note Making</p> <p><b>WRITING SKILLS</b></p> <p>1. Speech Writing</p> <p>2. Debate Writing</p> <p><b>GRAMMAR</b></p> <p>Gap Filling</p> <p>Rearranging Sentences</p> <p><b>LITERATURE - HORNBILL</b></p> <p>1. Discovering Tut</p> <p>2. Adventure</p> <p>3. The Laburnum Top (Poem)</p> <p>4. Voice Of Rain(Poem)</p> <p>5. Childhood (Poem)</p> <p><b>LITERATURE – SNAPSHOTS</b></p> <p>1. Birth</p> <p>2. The Tale Of Melon City</p> <p><b>ASL &amp; INTERNAL ASSESSMENT</b></p> <p><b>NOTE: HALF YEARLY SYLLABUS INCLUDES UNIT TEST I SYLLABUS</b></p>

UNIT TEST - II
<p><b>READING COMPREHENSION</b> -Unseen Passage for Comprehension</p> <p><b>WRITING SKILLS</b></p> <p>1. Classified Advertisement</p> <p><b>GRAMMAR</b></p> <p>Omission</p> <p><b>LITERATURE - HORNBILL</b></p> <p>1. Silk Road</p> <p>2. Father To Son(Poem)</p> <p><b>LITERATURE – SNAPSHOTS</b></p> <p>1. Mother's Day</p>

TERM - II (ANNUAL)
<b>COMPLETE SYLLABUS + ASL &amp; INTERNAL ASSESSMENT</b>

**SUBJECT: PHYSICS**

UNIT TEST - I	(HALF YEARLY)
<p>1. Kinematics</p> <p>2. Physical world and Measurement</p>	<p>1. Laws of Motion</p> <p>2. Work Energy &amp; Power</p> <p>3. Physical World &amp; Measurement</p> <p>4. Kinematics</p>

UNIT TEST - II
<p>1. Rotational Motion</p> <p>2. Gravitation</p>

TERM - II (ANNUAL)
<p>1. Physical World &amp; Measurement</p> <p>2. Kinematics</p> <p>3. Laws Of Motion</p> <p>4. Work, Energy &amp; Power</p> <p>5. Rotational Motion</p> <p>6. Gravitation</p> <p>7. Properties of Bulk Matter</p> <p>8. Thermodynamics</p> <p>9. Kinetic Theory of gases</p> <p>10. Waves and Oscillations</p>

**SUBJECT: CHEMISTRY**

UNIT TEST - I	(HALF YEARLY)
Chapter 1: Some Basic Concepts of Chemistry	Chapter 1: Some Basic Concepts of Chemistry

Chapter 2: Structure of an Atom (till Bohr's Model of an Atom)	Chapter 2: Structure of an Atom Chapter 3: Periodic Classification of Elements Chapter 4: Chemical Bonding & Molecular structure
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<b>UNIT TEST - II</b>
Chapter 5: Chemical Thermodynamics Chapter 6: Equilibrium (till ionic equilibrium in solution)

<b>TERM - II (ANNUAL)</b>
Chapter 1: Some Basic Concepts of Chemistry Chapter 2: Structure of an Atom Chapter 3: Periodic Classification of Elements Chapter 4: Chemical Bonding & Molecular structure Chapter 5: Chemical Thermodynamics Chapter 6: Equilibrium Chapter 7: Redox Reactions Chapter 8: Organic Chemistry - Some Basic Principles and Techniques Chapter 9: Hydrocarbons

### SUBJECT: MATHEMATICS

UNIT TEST - I	(HALF YEARLY)
Chapter 1: Sets Chapter 2: Relations and functions Chapter 3: Trigonometry	Chapter 1: Sets Chapter 2: Relations and functions Chapter 3: Trigonometry Chapter 4: Complex Numbers Chapter 5: Linear Inequalities Chapter 6: Permutations and Combinations Chapter 7: Binomial Theorem

<b>UNIT TEST - II</b>
Chapter 8: Sequence and Series Chapter 9: Straight Lines

<b>TERM - II (ANNUAL)</b>
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### SUBJECT: PSYCHOLOGY

UNIT TEST - I	(HALF YEARLY)
Chapter 1: What is Psychology Chapter 2: Methods of Enquiry in Psychology	Chapter: 1 What is Psychology Chapter 2: Methods of enquiry in Psychology Chapter 3: Human Development Chapter 4: Sensory, Attentional and Perceptual Processes

<b>UNIT TEST - II</b>
Chapter 5: Learning Chapter 6: Human Memory

**TERM - II (ANNUAL)**

Chapter 1: What is Psychology  
 Chapter 2: Methods Of Enquiry in Psychology  
 Chapter 3: Human Development  
 Chapter 4: Sensory, Attentional and Perceptual Processes  
 Chapter 5: Learning  
 Chapter 6: Human Memory  
 Chapter 7: Thinking

**SUBJECT: BIOLOGY****UNIT TEST - I****(HALF YEARLY)**

Chapter 1: The Living World  
 Chapter 2: Biological Classification  
 Chapter 3: Plant Kingdom

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 Chapter 3: Plant Kingdom  
 Chapter 4: Animal Kingdom  
 Chapter 5: Morphology of Flowering Plants  
 Chapter 6: Anatomy of Flowering Plants  
 Chapter 7: Structural Organisation in Animals  
 Chapter 8: Cell: The Unit of Life

**UNIT TEST - II**

Chapter 9: Biomolecules  
 Chapter 10: Cell Cycle and Cell Division  
 Chapter 11: Photosynthesis in Higher Plants

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 Chapter 10: Cell Cycle and Cell Division  
 Chapter 11: Photosynthesis in Higher Plants  
 Chapter 12: Respiration in Plants  
 Chapter 13: Plant Growth and Development

Chapter 14: Breathing and Exchange of Gases  
 Chapter 15: Body Fluids and Circulation  
 Chapter 16: Excretory Products and Their Elimination  
 Chapter 17: Locomotion and Movement  
 Chapter 18: Neural Control and Coordination  
 Chapter 19: Chemical Coordination and Integration

**SUBJECT: COMPUTER SCIENCE****UNIT TEST - I****(HALF YEARLY)**

Chapter 1 – Computer System Organization  
 Chapter 2 – Data Representation and Boolean Logic  
 Chapter 3 – Getting started with Python

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 Chapter 3 – Getting started with Python  
 Chapter 4 – Python Programming Fundamentals  
 Chapter 5 – Conditional and Looping Constructs  
 Chapter 6 – Strings  
 Chapter 10 – Society, Law and Ethics

**UNIT TEST - II**

Chapter 7 – Lists in Python  
 Chapter 8 – Tuples and Dictionary

Chapter 9 – Introduction to Modules  
 Chapter 11 – Cyber Safety

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