



**RAMJAS SCHOOL, ANAND PARVAT, NEW DELHI-05**  
**SYLLABUS FOR SESSION 2023-24**  
**CLASS : XI (SCIENCE)**



**SUBJECT: ENGLISH**

<b>Unit Test-I</b>	<b>Reading</b> : Unseen Comprehension <b>Grammar</b> 1) Determiners 2) Rearranging Sentences <b>Writing</b> : Poster <b>Hornbill</b> : The Portrait of a Lady <b>Poem</b> : The Photograph <b>Snapshots</b> : The Summer of a Beautiful White Horse
<b>Mid Term Examination</b>	<b>Reading</b> Unseen Comprehension Note Making <b>Grammar</b> 1) Gap Filling 2) Editing 3) Rearranging Sentences <b>Writing</b> 1) Poster 2) Classified Ads 3) Speech 4) Debate <b>Hornbill</b> <u>Prose</u> 1) The Portrait of a Lady 2) We're not afraid to die..if we can be together <u>Poem</u> 1) The Photograph 2) Laburnum Top 3) Father to Son <b>Snapshots</b> 1) The Summer of a Beautiful White Horse 2) The Address <b>NOTE:- Half yearly examination syllabus includes unit test 1 syllabus.</b>
<b>Unit Test-II</b>	<b>Reading</b> : Unseen Comprehension <b>Grammar</b> 1) Gap Filling 2) Rearranging Sentences <b>Writing</b> : Classified Advertisements <b>Hornbill</b> <u>Prose</u> 1) Discovering Tut 2) Childhood <u>Poem</u> : Voice of Rain <b>Snapshots</b> : Mother's Day
<b>Annual Examination</b>	<b>Hornbill</b> <u>Prose</u> 1) Silk Road 2) Adventure <b>Snapshots</b> 1) Birth 2) Tale of Melon City <b>COMPLETE SYLLABUS OF THE SESSION</b>

**ASL – 10 MARKS (HALF YEARLY & YEAR END ASSESSMENT)**  
**PROJECT – 10 MARKS (YEAR END ASSESSMENT)**

## **SUBJECT: MATHS**

<b>Unit Test-I</b>	Sets, Linear Inequalities, Trigonometric functions
<b>Mid Term</b>	Chapters mentioned in Unit Test-I Complex Numbers Permutation and Combinations Binomial Theorem Relation and Functions
<b>Unit Test-II</b>	Sequence and Series Binomial Theorem
<b>Annual Examination</b>	Complete syllabus prescribed by CBSE for session 2023-24 for class XI

## **SUBJECT: COMPUTER SCIENCE**

<b>Unit Test-I</b>	Chapter 1 – Computer System Organization, Chapter 2 – Data Representation and Boolean Logic Chapter 3 – Computational Thinking and Getting started with Python
<b>Mid Term</b>	Chapter 4 – Python Programming Fundamentals Chapter 5 – Conditional and Looping Constructs Chapter 6 - Strings
<b>Unit Test-II</b>	Chapter 7 – Lists in Python Chapter 8 – Tuples and Dictionary Chapter 10 – Society, Law and Ethics Chapter 9 – Introduction to Modules Chapter 11 – Cyber Safety
<b>Annual Examination</b>	Complete Syllabus

## **SUBJECT: PHYSICS**

<b>Unit Test – I</b>	1. Kinematics 2. Physical world and measurement
<b>Mid Term</b>	1. physical world and measurement 2. kinematics 3. laws of motion 4. work energy and power
<b>Unit Test – II</b>	1. Rotational motion 2. Gravitation
<b>Annual Examination</b>	1. Physical world and measurement 2. Kinematics 3. Laws of motion 4. Work, energy and power 5. Rotational motion 6. Gravitation 7. Properties of bulk matter 8. Thermodynamics 9. Kinetic theory of gases 10. Waves and oscillations

## **SUBJECT: CHEMISTRY**

<b>Unit Test – I</b>	<ol style="list-style-type: none"><li>1. Some basic concepts of Chemistry</li><li>2. Structure of an atom (till bohr's model of an atom)</li></ol>
<b>Mid Term</b>	<ol style="list-style-type: none"><li>1. Some basic concepts of Chemistry</li><li>2. Structure of an atom</li><li>3. Periodic classification of Elements</li><li>4. Chemical bonding and molecular structure</li></ol>
<b>Unit Test - II</b>	<ol style="list-style-type: none"><li>1. Chemical Thermodynamics</li><li>2. Equilibrium (till solubility product)</li></ol>
<b>Annual Examination</b>	<ol style="list-style-type: none"><li>1. Some basic concepts of Chemistry</li><li>2. Structure of an atom</li><li>3. Periodic classification of Elements</li><li>4. Chemical bonding and molecular structure</li><li>5. Chemical Thermodynamics</li><li>6. Equilibrium</li><li>7. Redox reactions</li><li>8. Organic chemistry: some basic principles &amp; techniques</li><li>9. Hydrocarbons</li></ol>

## **SUBJECT: BIOLOGY**

<b>Unit Test-I</b>	Chapter-1: The Living World Chapter-2: Biological Classification Chapter-3: Plant Kingdom
<b>Mid Term</b>	Chapter-1: The Living World Chapter-2: Biological Classification 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
<b>Unit Test - II</b>	Chapter-9: Biomolecules Chapter-10: Cell Cycle and Cell Division Chapter-11: Photosynthesis in Higher Plants
<b>Annual Examination</b>	Chapter-1: The Living World Chapter-2: Biological Classification 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 Chapter-9: Biomolecules 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: PSYCHOLOGY**

<b>Unit Test-I</b>	Ch 1 What is psychology? Ch 2 Method of enquiry in psychology
<b>Mid Term</b>	Ch 1 What is Psychology? Ch 2 Method of enquiry in Psychology Ch 4 Human development Ch 5 Sensory, attentional and perceptual processes
<b>Unit Test - II</b>	Ch 6 Learning Ch 7 Human memory
<b>Annual Examination</b>	Ch 8 Thinking Ch 9 Motivation and emotion + Full Syllabus