



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



**SUBJECT: ENGLISH**

<b>UNIT TEST-I</b>	<b>Reading</b> Unseen Passage for Comprehension <b>Writing Skills</b> 1. Notice writing 2. Formal / Informal invitation and reply <b>Flamingo</b> 1. The Last Lesson 2. Lost Spring 3. Deep Water <b>Vistas</b> 1. Tiger King 2. The Third Level <b>Poem : My Mother at Sixty-Six, Roadside Stand</b>
<b>MID TERM EXAMINATION</b>	<b>Reading</b> 2 Unseen Passages for Comprehension <b>Writing Skills</b> 1. Letter A) To Editor B) Job Application With Resume & Biodata 2. Article Writing <b>Flamingo</b> 1. The Rattrap 2. Indigo 3. Poets & Pancakes <b>Vistas</b> 1. Journey to the End of the Earth 2. On the Face of it 3. The Enemy <b>Poem : A Thing of Beauty</b> <b>NOTE:- HALF YEARLY EXAMINATION SYLLABUS INCLUDES UNIT TEST I SYLLABUS</b>
<b>UNIT TEST-II</b>	<b>Reading</b> Unseen Passage for Comprehension <b>Writing Skills</b> 1. Report Writing <b>Flamingo</b> 1. The Interview 2. Going Places <b>Vistas</b> 1. Memories of Childhood A) The Cutting of My Long Hair B) We Too are Human Beings <b>Poem</b> Keeping Quiet Aunt Jennifer's Tigers
<b>PREBOARD – I &amp; II EXAMINATION</b>	<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>	Matrices and Determinants Inverse Trigonometry, LPP Relation & Functions
<b>Mid Term</b>	Chapters mentioned in Unit Test-I Continuity and Differentiability, Differentiation AOD Integration (Indefinite Integral)
<b>Unit Test-II</b>	AOI Differential Equation, Properties of Definite Integral
<b>Preboard – I &amp; II</b>	Complete syllabus prescribed by CBSE for session 2023-24 for class XII

## SUBJECT: PHYSICS

<b>Unit Test – 1</b>	1. Electrostatics 2. Current electricity
<b>Unit Test – 2</b>	1. Ray optics and wave optics 2. Dual nature of matter and radiation
<b>Mid Term Examination</b>	1. Electrostatics 2. Current electricity 3. Magnetic effect of current and magnetism 4. Electromagnetic induction and a.c. 5. Electromagnetic waves 6. Ray optics
<b>Pre-Board – I &amp; II Examination</b>	FULL SYLLABUS

## SUBJECT: CHEMISTRY

<b>Unit Test – 1</b>	1. Electrochemistry 2. Solutions
<b>Unit Test – 2</b>	1. d and f block elements 2. Aldehyde, ketones and carboxylic (till ald and ketones only)
<b>Mid Term Examination</b>	1. Solutions 2. Electrochemistry 3. Chemical kinetics 4. Haloalkanes and haloarenes 5. Alcohol, phenol and ethers
<b>Preboard – I &amp; II Examination</b>	FULL SYLLABUS

## SUBJECT: COMPUTER SCIENCE

<b>UNIT TEST-I</b>	Chapter 1 – Review of Python Basics Chapter 2 – Functions in Python
<b>MID TERM</b>	Chapter 3 – Using Python Libraries Chapter 4 – Data File Handling Chapter 6 – Data Structure (Stack)
<b>UNIT TEST-II</b>	Chapter 7 – Computer Networks Chapter 8 – Relational Database and SQL Chapter 9 – Interface Python with SQL
<b>PREBOARD – I &amp; II EXAMINATION</b>	Complete Syllabus

## SUBJECT: BIOLOGY

<b>UNIT TEST-I</b>	Chapter-1: Sexual Reproduction in Flowering Plants Chapter-2: Human Reproduction
<b>MID TERM</b>	Chapter-1: Sexual Reproduction in Flowering Plants Chapter-2: Human Reproduction Chapter-3: Reproductive Health Chapter-4: Principles of Inheritance and Variation Chapter-5: Molecular basis of Inheritance Chapter-6: Evolution Chapter-7: Human Health and Diseases
<b>UNIT TEST-II</b>	Chapter-8: Microbes in Human welfare Chapter-9: Biotechnology: Principles and Processes Chapter-10: Biotechnology and its Applications
<b>PREBOARD – I &amp; II EXAMINATION</b>	Chapter-1: Sexual Reproduction in Flowering Plants Chapter-2: Human Reproduction Chapter-3: Reproductive Health Chapter-4: Principles of Inheritance and Variation Chapter-5: Molecular basis of Inheritance Chapter-6: Evolution Chapter-7: Human Health and Diseases Chapter-8: Microbes in Human welfare Chapter-9: Biotechnology: Principles and Processes Chapter-10: Biotechnology and its Applications Chapter-11: Organisms and Populations Chapter-12: Ecosystem Chapter-13: Biodiversity and Conservation

## SUBJECT: PSYCHOLOGY

<b>UNIT TEST-I</b>	Ch-4 Psychological Disorders Ch-5 Therapeutic approaches
<b>MID TERM</b>	Ch-1 Variations in Psychological attributes Ch-2 Self Personality Ch-4 Psychological Disorders Ch-5 Therapeutic approaches
<b>UNIT TEST-II</b>	Ch-3 Meeting life challenges Ch-6 Attitude and social cognition
<b>PREBOARD - I</b>	Ch-7 social influence and group processes and full syllabus
<b>PREBOARD - II</b>	full syllabus