



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

SUBJECT: ENGLISH

UNIT TEST - I	(HALF YEARLY)
READING COMPREHENSION -Unseen Passage for Comprehension WRITING SKILLS - 1. Notice 2. Formal Invitation(Card) LITERATURE:FLAMINGO 1. The Last Lesson 2. Lost Spring 3. Deep Water 4. My Mother at Sixty-six(Poem) 5. Roadside Stand(Poem) LITERATURE: VISTAS 1. Tiger King 2. The Third Level	READING COMPREHENSION -Unseen Passage for Comprehension WRITING SKILLS 1. Invitation (Formal & Informal) 2. Article 3. Job Application with Resume LITERATURE:FLAMINGO 1. The Rattrap 2. Indigo 3. Poets & Pancakes 4. A Thing of Beauty(Poem) 5. Keeping Quiet(Poem) LITERATURE: VISTAS 1. Journey To The End of The World 2. On The Face Of It 3. The Enemy ASL & INTERNAL ASSESSMENT NOTE: HALF YEARLY SYLLABUS INCLUDES UNIT TEST I SYLLABUS

UNIT TEST - II
READING COMPREHENSION -Unseen Passage for Comprehension WRITING SKILLS: Report Writing LITERATURE - FLAMINGO 1. The Interview 2. Going Places 3. Aunt Jennifer's Tigers(Poem) LITERATURE - VISTAS 1. Memories of Childhood A. The Cutting Of My Long Hair B. We Too Are Human Beings

PRE-BOARD - I	PRE-BOARD - II
COMPLETE SYLLABUS	COMPLETE SYLLABUS + ASL & INTERNAL ASSESSMENT

SUBJECT: PHYSICS

UNIT TEST - I	(HALF YEARLY)
1. Electrostatics 2. Current Electricity	1. Magnetic Effect of Current & Magnetism 2. Electromagnetic Induction & A.C. 3. Electromagnetic Waves 4. Ray Optics 5. Electrostatics 6. Current Electricity

UNIT TEST - II
1. Ray Optics & wave Optics 2. Dual Nature Of Matter & Radiation

PRE-BOARD - I	PRE-BOARD - II
Complete Syllabus	Complete Syllabus

SUBJECT: CHEMISTRY

UNIT TEST - I	(HALF YEARLY)
Chapter 1: Solutions Chapter 2: Electrochemistry	Chapter 1: Solutions Chapter 2: Electrochemistry

	Chapter 3: Chemical Kinetics Chapter 6: Haloalkanes & Haloarenes Chapter 7: Alcohols, Phenols & Ethers (till chemical properties of phenol)
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UNIT TEST - II
Chapter 4: d- & f-Block Elements Chapter 8: Aldehydes, Ketones and Carboxylic Acids (till chemical properties of ketones)

PRE-BOARD - I	PRE-BOARD - II
Chapter 1: Solutions Chapter 2: Electrochemistry Chapter 3: Chemical Kinetics Chapter 4: d- & f-Block Elements Chapter 5: Co-ordination Compounds Chapter 6: Haloalkanes & Haloarenes Chapter 7: Alcohols, Phenols & Ethers Chapter 8: Aldehydes, Ketones and Carboxylic Acids Chapter 9: Amines	Chapter 1: Solutions Chapter 2: Electrochemistry Chapter 3: Chemical Kinetics Chapter 4: d- & f-Block Elements Chapter 5: Co-ordination Compounds Chapter 6: Haloalkanes & Haloarenes Chapter 7: Alcohols, Phenols & Ethers Chapter 8: Aldehydes, Ketones and Carboxylic Acids Chapter 9: Amines Chapter 10: Biomolecules

SUBJECT: MATHEMATICS

UNIT TEST - I	(HALF YEARLY)
Chapter 2: Inverse Trigonometric Functions Chapter 4: Continuity and Differentiability Chapter 5: Application of Derivatives Chapter 6: Integrals	Chapter 1: Relations and functions Chapter 2: Inverse Trigonometric Functions Chapter 3: Matrices and Determinants Chapter 4: Continuity and Differentiability Chapter 5: Application of Derivatives Chapter 6: Integrals

UNIT TEST - II
Chapter 7: Application of the Integrals Chapter 8: Differential Equations Chapter 11: Linear Programming

PRE-BOARD - I	PRE-BOARD - II
Chapter 1: Relations and functions Chapter 2: Inverse Trigonometric Functions Chapter 3: Matrices and Determinants Chapter 4: Continuity and Differentiability Chapter 5: Application of Derivatives Chapter 6: Integrals Chapter 7: Application of the Integrals Chapter 8: Differential Equations Chapter 9: Vectors Chapter 10: Three- dimensional geometry Chapter 11: Linear Programming Chapter 12: Probability	Chapter 1: Relations and functions Chapter 2: Inverse Trigonometric Functions Chapter 3: Matrices and Determinants Chapter 4: Continuity and Differentiability Chapter 5: Application of Derivatives Chapter 6: Integrals Chapter 7: Application of the Integrals Chapter 8: Differential Equations Chapter 9: Vectors Chapter 10: Three- dimensional geometry Chapter 11: Linear Programming Chapter 12: Probability

SUBJECT: PSYCHOLOGY

UNIT TEST - I	(HALF YEARLY)
Chapter 1: Variations in Psychological Attributes Chapter 2: Self and Personality Chapter 6: Attitude and Social Cognition	Chapter 1: Variations in Psychological attributes Chapter 2: Self and Personality Chapter 3: Meeting Life Challenges Chapter:4 Psychological Disorders Chapter 5: Therapeutic Approaches

UNIT TEST - II
Chapter 4 : Psychological Disorders Chapter 7: Social influence and Group Processes

PRE-BOARD - I	PRE-BOARD - II
Chapter 1: Variations in psychological attributes Chapter 2: Self and Personality Chapter 3: Meeting Life Challenges Chapter 4: Psychological disorders Chapter 5: Therapeutic Approaches Chapter 6: Attitude and Social Cognition Chapter 7: Social influence and Group Processes	Chapter 1: Variations in psychological attributes Chapter 2: Self and Personality Chapter 3: Meeting Life Challenges Chapter 4: Psychological disorders Chapter 5: Therapeutic Approaches Chapter 6: Attitude and Social Cognition Chapter 7: Social influence and Group Processes

SUBJECT: BIOLOGY

UNIT TEST - I	(HALF YEARLY)
Chapter – 1 Sexual Reproduction in Flowering Plants Chapter – 2 Human Reproduction	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 Disease

UNIT TEST - II
Chapter – 8 Microbes in Human Welfare Chapter – 9 Biotechnology: Principles and Processes Chapter – 10 Biotechnology and its Applications

PRE-BOARD - I	PRE-BOARD - II
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 Disease 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 – 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 Disease 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: COMPUTER SCIENCE

UNIT TEST - I	(HALF YEARLY)
Chapter 1 – Review of Python Basics Chapter 2 – Functions in Python Chapter 3 – Exceptional Handling	Chapter 4 – Data File Handling Chapter 5 – Data Structure (Stack) Chapter 6 – Computer Networks Including Syllabus of UT-I

UNIT TEST - II
Chapter 7 – Relational Database and SQL Chapter 8 – Interface Python with SQL

PRE-BOARD - I	PRE-BOARD - II
Chapter 1 – Review of Python Basics Chapter 2 – Functions in Python Chapter 3 – Exceptional Handling Chapter 4 – Data File Handling Chapter 5 – Data Structure (Stack) Chapter 6 – Computer Networks Chapter 7 – Relational Database and SQL Chapter 8 – Interface Python with SQL	Complete Syllabus