

Ekayanaa School, Indore
Syllabus for Term-II (2024-25)
Class: XII A

Subject	Pre Board 1	Pre Board 2
English	<u>Flamingo (Prose)</u> • The Last Lesson • Lost Spring • Deep Water • The Rattrap • Indigo • Poets and Pancakes • The Interview • Going Places <u>(Poetry)</u> • My Mother at Sixty Six • Keeping Quiet • A Thing of Beauty • A Roadside Stand • Aunt Jennifer's Tigers <u>Vistas (Prose)</u> • The Third Level • The Tiger King • Journey to the end of the World • The Enemy • On the Face of it • Memories of Childhood ◦ The Cutting of My Long Hair ◦ We Too are Human Beings <u>Writing Skill</u> • Notice Writing • Formal & Informal Invitation & Reply • Letter to Editor • Job Application • Article • Report Writing	<u>Flamingo (Prose)</u> • The Last Lesson • Lost Spring • Deep Water • The Rattrap • Indigo • Poets and Pancakes • The Interview • Going Places <u>(Poetry)</u> • My Mother at Sixty Six • Keeping Quiet • A Thing of Beauty • A Roadside Stand • Aunt Jennifer's Tigers <u>Vistas (Prose)</u> • The Third Level • The Tiger King • Journey to the end of the World • The Enemy • On the Face of it • Memories of Childhood ◦ The Cutting of My Long Hair ◦ We Too are Human Beings <u>Writing Skill</u> • Notice Writing • Formal & Informal Invitation & Reply • Letter to Editor • Job Application • Article • Report Writing
Physics	Chapter 1: Electric Charges and Fields Chapter 2: Electrostatic Potential and Capacitance Chapter 3: Current Electricity Chapter 4: Moving Charges and Magnetism Chapter 5: Magnetism and Matter Chapter 6: Electromagnetic Induction Chapter 7: Alternating currents Chapter 8: Electromagnetic Waves	Chapter 1: Electric Charges and Fields Chapter 2: Electrostatic Potential and Capacitance Chapter 3: Current Electricity Chapter 4: Moving Charges and Magnetism Chapter 5: Magnetism and Matter Chapter 6: Electromagnetic Induction Chapter 7: Alternating currents Chapter 8: Electromagnetic Waves

	Chapter 9: Ray Optics and Optical Instruments Chapter 10: Wave Optics Chapter 11: Dual Nature of Radiation and Matter Chapter 14: Semiconductor Electronics: Material, Devices and Simple circuits	Chapter 9: Ray Optics and Optical Instruments Chapter 10: Wave Optics Chapter 11: Dual Nature of Radiation and Matter Chapter 12: Atoms Chapter 13: Nuclei Chapter 14: Semiconductor Electronics: Material, Devices and Simple circuits
Chemistry	Unit 1: Solutions Unit 2: Electrochemistry Unit 3: Chemical Kinetics Unit 4: The d and f block elements Unit 5: Coordination Compounds Unit 6: Haloalkanes and Haloarenes Unit 7: Alcohols, Phenols and Ethers Aldehydes, Ketones and Carboxylic Acids Unit 8: Aldehydes, Ketones and Carboxylic Acids Unit 10: Biomolecules	Unit 1: Solutions Unit 2: Electrochemistry Unit 3: Chemical Kinetics Unit 4: The d and f block elements Unit 5: Coordination Compounds Unit 6: Haloalkanes and Haloarenes Unit 7: Alcohols, Phenols and Ethers Aldehydes, Ketones and Carboxylic Acids Unit 8: Aldehydes, Ketones and Carboxylic Acids Unit 9: Amines Unit 10: Biomolecules
Mathematics	1. Matrices 2. Determinants 3. Inverse Trigonometric Function 4. Relation and Function 5. Continuity and Differentiability 6. Linear Programming 7. Application of Derivatives 8. Integrals 9. Application of integral 10. Differential Equations 11. Vector Algebra 12. Three dimensional Geometry 13. Probability	1. Matrices 2. Determinants 3. Inverse Trigonometric Function 4. Relation and Function 5. Continuity and Differentiability 6. Linear Programming 7. Application of Derivatives 8. Integrals 9. Application of integral 10. Differential Equations 11. Vector Algebra 12. Three dimensional Geometry 13. Probability
Biology	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-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-10: Biotechnology and its Applications Chapter-11: Organisms and Populations Chapter-12: Ecosystem Chapter-13: Biodiversity and its Conservation	Chapter-9: Biotechnology - Principles and Processes Chapter-10: Biotechnology and its Applications Chapter-11: Organisms and Populations Chapter-12: Ecosystem Chapter-13: Biodiversity and its Conservation
Psychology	Ch.1- Variations in Psychological Attributes Ch.2-Self and Personality Ch.3- Meeting Life Challenges Ch.4-Psychological Disorders Ch.5- Therapeutic Approaches Ch.6- Attitude and Social Cognition Ch.7- Social Influence and Group Processes	Ch.1- Variations in Psychological Attributes Ch.2-Self and Personality Ch.3- Meeting Life Challenges Ch.4-Psychological Disorders Ch.5- Therapeutic Approaches Ch.6- Attitude and Social Cognition Ch.7- Social Influence and Group Processes
Physical Education	Unit1-Management of Sports events Unit2- Children and Women in Sports Unit3-Yoga as a preventive measure for Lifestyle Disease Unit4- Physical Education & Sports for (CWSN) Unit 5- Sports & Nutrition Unit6- Test and Measurement in Sports Unit7- Physiology & Injuries in Sports Unit8- Biomechanics and Sports Unit9- Psychology and Sports Unit10- Training in Sports	Unit1-Management of Sports events Unit2- Children and Women in Sports Unit3-Yoga as a preventive measure for Lifestyle Disease Unit4- Physical Education & Sports for (CWSN) Unit 5- Sports & Nutrition Unit6- Test and Measurement in Sports Unit7- Physiology & Injuries in Sports Unit8- Biomechanics and Sports Unit9- Psychology and Sports Unit10- Training in Sports
Computer Science	1.Python Revision tour-I 2. Python Revision tour-II 3. Working with functions 5. File Handling 8. Data Structures-stack 10.Communication and Network Concepts 11.Relational Databases 12.Simple Queries in SQL 13.Table Creation and Data Manipulation Commands 14.Grouping Records, Joins in SQL 15.Interface Python with MySQL	1.Python Revision tour-I 2. Python Revision tour-II 3. Working with functions 5. File Handling 8. Data Structures-stack 10.Communication and Network Concepts 11.Relational Databases 12.Simple Queries in SQL 13.Table Creation and Data Manipulation Commands 14.Grouping Records, Joins in SQL 15.Interface Python with MySQL

Entrepreneurship	Unit 5: Business Arithmetic	Unit 1: Entrepreneurial opportunity Unit 2: Enterprise planning Unit 3 :Enterprise marketing Unit 4: Enterprise growth strategies Unit 5: Business arithmetic Unit 6: Resource Mobilization
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