

PrepMed AITS - 03 Exam Syllabus (Date of Examination: December 22, 2024)

Exam Name	Exam Code	Batch	PrepMed Batch	Exam Dates	Chemistry Syllabus	Physics Syllabus	Botany Syllabus	Zoology Syllabus
PM-AITS-03	PM-OFF-GT3	Repeaters	Rudra 2025 (Online + Offline)	December 22, 2024	Thermodynamics, Chemical Equilibrium, Ionic Equilibrium, General Organic Chemistry, Hydrocarbons, Solutions, Electrochemistry, d & f Block Elements, Coordination Compounds, Alkyl Halides, Alcohols Phenols and Ethers, Aldehydes Ketones and Carboxylic Acids, Chemical Kinetics, p-Block Elements	Units and Measurements, Motion in 1D and 2D, Newton's Laws of Motion, Work Energy and Power, Rotational Motion, Gravitation, Bulk properties of Matter, Electric Charges and Field, Electrostatic Potential and Capacitor, Current Electricity, Magnetic Effect of Current and Magnetism, EMI and AC,	Full Class XI Botany NEET Syllabus + Sexual Reproduction in Flowering Plants	Full Class XI Zoology NEET Syllabus + Human Reproduction + Reproductive Health + Evolution
		Class 12	Avenger's 25 + Durjoy 25	December 22, 2024	General Organic Chemistry, Hydrocarbons, Solutions, Electrochemistry, d & f Block Elements, Coordination Compounds, Haloalkanes and Haloarenes, Alcohols Phenols and Ethers, Aldehydes Ketones and Carboxylic Acids, Chemical Kinetics, Nitrogen Containing Compounds, Biomolecules.	Bulk properties of Matter, Thermodynamics, Electric Charges and Field, Electrostatic Potential and Capacitor, Current Electricity, Magnetic Effect of Current and Magnetism, EMI and AC, Electromagnetic Waves, Ray Optics and Optical Instruments	Full Class XII Botany NEET Syllabus + Plant Growth and Development, Respiration in Plants, Photosynthesis	Full Class XII Zoology + Morphology of Flowering Plants + Anatomy of Flowering Plants + Breathing and Exchange of Gases + Neural Control and Coordination + Chemical Coordination and Integration
		Class 11	Avenger's 26 + Durjoy 26	December 22, 2024	Some Basic Concepts of Chemistry, Structure of Atoms, Periodic Properties and Classification of Elements, Chemical Bonding, Redox Reactions, Thermodynamics, Equilibrium, General Organic Chemistry, Hydrocarbon (Alkanes, Alkenes, and Alkynes)	Units and Measurements, Motion in 1D and 2D, Newton's Laws of Motion, Work Energy and Power, Rotational Motion, Gravitation, Properties of Bulk Matter, Thermodynamics, Kinetic Theory of Gases, SHM and Waves	Living World, Biological Classification, Plant Kingdom, Morphology in Flowering Plants, Anatomy in Flowering Plants, Cell: Unit of Life, Cell Cycle, Photosynthesis, Respiration in Plants	Animal Kingdom, Structural Organization in Animals, Biomolecules, Breathing and Exchange of Gases, Body Fluids and Circulation, Excretory products, Locomotion and Movements