Assam CEE 2025 Syllabus

Name of the subject	Topics
Mathematics	 Permutations and Combinations Binomial Theorem and Its Applications Sets, Relations, and Functions Binomial Theorem and Its Applications Differential Calculus Dynamics Sequences and Series Three Dimensional Geometry Statics Trigonometry Mathematical Induction and Its Application Vector Algebra Permutations and Combinations Complex numbers Differential Equations Integral Calculus Two-Dimensional Geometry Measures of Central Tendency and Dispersion Dynamics Matrices and Determinants
Physics	 Work, Energy, and Power Electrostatics Atoms, Molecules and Nuclei Current Electricity Rotational Motion and Moment of Inertia Units and Measurement Thermal and Chemical Effects of Currents Electromagnetic Waves Solids and Semi-Conductors Devices Units and Measurement Description of Motion in Two and Three Dimensions Transference of Heat Solids and Semi-Conductors Devices Waves Laws of Motion Solids and Fluids Oscillations Electromagnetic Induction and Alternating Currents Atoms, Molecules, and Nuclei Ray Optics

	• Description of Motion in One Dimension
	Some Basic Concepts
	Redox Reactions and Electrochemistry
	States of Matter
	Chemical Energetics and
	Thermodynamics
	Rates of Chemical Reactions and
	Chemical Kinetics
	Chemistry of Non-metals-II
	Chemistry of Lighter Metals
	• Heavy Metals
	Coordination Chemistry and Organo- Metallics
	Some Basic Principles
	Organic Compounds Containing
	Nitrogen
Chamiatan	• Chemistry In Action
Chemistry	• Hydrocarbons
	• Atomic Structure
	Surface Chemistry
	Chemical Equilibrium
	Surface Chemistry
	◎ Chemistry of Non-Metals – 1
	Chemical Bonding and Molecular
	Structure
	Chemistry of Representative Elements
	Transition Metals Including Lanthanides
	Purification and Characterisation of
	Organic Compounds
	Organic Compound Containing
	Halogens
	Synthetic and Natural Polymers
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