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IMU CET

IMU CET Exam Pattern

Name Of the Course	Name of the Subject	Number Of Questions
UG programmes (except BBA)	<ul style="list-style-type: none">● Mathematics● Physics● Chemistry● General Aptitude● English	200
MBA	<ul style="list-style-type: none">● Quantitative ability● Verbal Ability● Logical Reasoning,● Data interpretation	120
M.Tech	<ul style="list-style-type: none">● English● Mathematics and one of Mechanical Engineering/ Naval● Architecture/ Marine Engineering/ Civil Engineering	200

IMU CET English Syllabus

- Synonyms
- Antonyms
- Prepositions
- Sentence Completion
- Active and Passive Voice
- Spelling Test
- Spotting Errors
- Passage Completion
- Substitution
- Sentence Arrangement
- Transformation
- Idioms and Phrases
- Sentence Improvement
- Para Completion
- Joining Sentences
- Error Correction (Underlined Part)
- Error Correction (Phrase in Bold)
- Fill in the blanks

IMU CET General Aptitude Syllabus

- Time and Distance
- Problems on Trains
- Time and Work Partnership
- Ratio and Proportion
- Boats and Streams

- Simple Interest
- Areas
- Averages
- Problems on L.C.M and H.C.F
- Pipes and Cisterns
- Problems on Numbers
- Compound Interest
- Volumes
- Profit and Loss
- Odd Man Out
- Races and Games
- Numbers and Ages
- Mixtures and Allegations
- <https://www.freshersnow.com/syllabus/>
- Percentages
- Simple Equations
- Quadratic Equations
- Indices and Surds
- Mensuration
- Permutations and Combinations
- Probability
- Simplification and Approximation

IMU CET Chemistry Syllabus

- Chemical Families Periodic Properties
- Chemical Bonding and Molecular Structure

- States of Matter
- Hydrocarbons
- Organic Compound Containing Halogens
- Organic Compounds Containing Oxygen
- Chemistry of Non-Metals – 1
- Chemistry of Non-metals-II
- Organic Compounds Containing Nitrogen
- Synthetic and Natural Polymers
- Bio-Molecules and Biological Processes
- Chemistry In Action
- Environmental Chemistry
- Atomic Structure
- Solutions
- Chemical Energetics and Thermodynamics
- Chemical Equilibrium
- Redox Reactions and Electrochemistry
- Chemistry of Lighter Metals
- Heavy Metals
- Chemistry of Representative Elements
- Rates of Chemical Reactions and Chemical Kinetics
- Surface Chemistry
- Transition Metals Including Lanthanides
- Coordination Chemistry and Organo-Metallics
- Nuclear Chemistry
- Purification and Characterisation of Organic Compounds

IMU CET Physics Syllabus

- Oscillations
- Waves
- Heat and Thermodynamics
- Transference of Heat
- Electrostatics
- Gravitation
- Solids and Fluids
- Electromagnetic Waves
- Electron and Photons
- Atoms, Molecules, and Nuclei
- Solids and Semi-Conductors Devices
- Current Electricity
- Thermal and Chemical Effects of Currents
- Magnetostatics
- Electromagnetic Induction and Alternating Currents
- Ray Optics
- Wave Optics
- Units and Measurement
- Description of Motion in One Dimension
- Description of Motion in Two and Three Dimensions
- Laws of Motion
- Work, Energy, and Power
- Rotational Motion and Moment of Inertia

IMU CET Maths Syllabus

- Sequences and Series
- Differential Calculus
- Integral Calculus
- Differential Equations
- Two-Dimensional Geometry
- Three-Dimensional Geometry
- Vector Algebra
- Permutations and Combinations
- Mathematical Induction and Its Application
- Binomial Theorem and Its Applications
- Trigonometry
- Statics
- Dynamics
- Measures of Central Tendency and Dispersion
- Probability
- Sets, Relations, and Functions
- Complex Numbers
- Matrices and Determinants
- Quadratic Equations

IMU CET Reasoning Syllabus

- Puzzles
- Verbal Reasoning
- Logical Reasoning
- Data Sufficiency

- Non-Verbal Reasoning
- Data Interpretation
- Analytical Reasoning

IMU CET Civil Engineering Syllabus

- Civil Engineering Materials and Construction
- Fluid Mechanics
- Hydrology & Water Resources Engineering
- Reinforced Concrete Structures
- Bridge Engineering
- Concrete Technology
- Estimation, Costing, and Specifications
- Steel Structures
- Construction and Project Management
- PSC Structures
- Environmental Studies
- Environmental Engineering
- Hydraulic Structures
- Soil Mechanics and Foundation Engineering
- Transportation Engineering
- Solid Mechanics, Structural Analysis
- Surveying

IMU CET Mechanical Engineering Syllabus

- Calculus
- Vector Calculus

- The Strength of Materials
- Fluid Mechanics
- The design of Machine Elements
- Refrigeration and air-conditioning
- Thermodynamics
- Engineering Materials
- Numerical Methods
- Probability & Statistics
- Differential Equations
- Theory of Machines
- Engineering Mechanics
- Operations
- Tool Engineering
- Operations Research
- Joining Processes
- Turbomachinery
- Forming Processes
- Metal Casting

IMU CET Data Interpretation Syllabus

- Table Chart
- Graphs
- Pie Charts
- Bar Graphs
- Line Graphs
- Caselets

- Combined Data Sets