CUCET 2027 Syllabus (Stream-wise)

What each section of the CUCET covers for non-medical, medical and commerce students.

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English (all streams)

Tests everyday English usage at the Class 12 level.

Unit	Topics
Grammar	Tenses, articles, prepositions, subject-verb agreement, voice, narration
Vocabulary	Synonyms, antonyms, one-word substitution, idioms and phrases
Usage	Error spotting, sentence improvement, fill in the blanks
Reading	Short comprehension passages

Aptitude (non-medical and medical)

Reasoning and quantitative ability.

Unit	Topics
Quantitative	Percentages, ratio, profit and loss, simple and compound interest, time and work, speed and distance, averages
Logical reasoning	Series, coding-decoding, analogies, blood relations, directions, syllogisms
General awareness	Basic GK and current affairs

Physics

Class 11 and 12 topics.

Unit	Topics
Mechanics	Units, kinematics, laws of motion, work-energy-power, rotational motion, gravitation
Properties of matter & heat	Elasticity, fluids, thermodynamics, kinetic theory
Oscillations & waves	SHM, wave motion, sound
Electricity & magnetism	Electrostatics, current electricity, magnetic effects, EMI, AC
Optics & modern physics	Ray and wave optics, dual nature, atoms, nuclei, semiconductors

Chemistry

Class 11 and 12 topics.

Unit	Topics
Physical	Mole concept, atomic structure, bonding, states of matter, thermodynamics, equilibrium, solutions, electrochemistry, kinetics
Inorganic	Periodic table, s/p/d/f-block elements, coordination compounds
Organic	Basic principles, hydrocarbons, haloalkanes, alcohols, aldehydes, ketones, acids, amines, biomolecules, polymers

Mathematics

Class 11 and 12 topics.

Unit	Topics
Algebra	Sets, relations and functions, complex numbers, quadratic equations, sequences and series, permutations and combinations, binomial theorem, matrices and determinants
Calculus	Limits, continuity, differentiation, applications of derivatives, integration, differential equations
Coordinate geometry & vectors	Straight lines, circles, conic sections, vectors, 3D geometry
Trigonometry, statistics & probability	Trigonometric functions and identities, mean, variance, probability

Biology (medical stream)

Class 11 and 12 topics.

Unit	Topics
Diversity & structure	Living world, plant and animal kingdoms, cell structure and division
Physiology	Plant physiology, human physiology
Genetics & evolution	Inheritance, molecular basis of inheritance, evolution
Biology & society	Human health and disease, biotechnology, ecology and environment

Commerce stream

Class 12 level.

Unit	Topics
Economics	Micro and macroeconomics: demand and supply, national income, money and banking
Accountancy	Journal and ledger, financial statements, partnership and company accounts, ratio analysis
Commerce / Business Studies	Forms of business, management principles, marketing, financial management