

Cochin University of Science and Technology



CUSAT CAT Exam Pattern

Marking Scheme

Parameters	Details
Exam Mode	Online
Duration	3 Hours
Number of Questions	250 Questions
Type of Question	Multiple Choice Questions
Marking Scheme	<ul style="list-style-type: none">• For each correct answer, 3 marks will be given• For each wrong answer, 1 mark will be deducted

B.Tech

Subjects	No. of questions
Mathematics	125
Physics	75
Chemistry	50
Total	250

B.Tech Lateral Entry

Questions asked from	No. of questions
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English	20
Mathematics	50
Engineering Mathematics	40
Engineering Graphics	40
General Engineering	50
Total	200

B.Voc

Questions asked from	No. of questions
Numerical Reasoning	60
English Language Proficiency	45
Comprehension and Logical Reasoning	45
Total	150

M.Sc (5 year Integrated)

Questions asked from	No. of questions
Mathematics	125
Physics	75
Chemistry	50
Total	250

BBA LLB / B.Com LLB

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Parts	Questions Asked From	No. of questions
Part I	Law Related Matters	25
	Reasoning / Logical Thinking	50
Part II	General English	50
	GK / Current Affairs	25
	Total	150

LLB

Sections	No. of questions
Legal Aptitude	50
Logical Reasoning	25
Proficiency in English	25
Comprehensive Ability	25
GK / Current Affairs	25

LLM

Parts	Questions Asked From	No. of questions
Part I	Proficiency in English and GK	50
	Analytical Reasoning Capabilities	50
Part II	Compulsory papers in Law as prescribed by BCI	50
	Total	150

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Download CUSAT CAT Syllabus PDF

B.Tech

- **Mathematics** – Number System – Sequences, Series, Complex Numbers Equations – Quadratic Equations, Differential Equations Logical and Reasoning – Sets, Relations, Functions, Mathematical Reasoning Algebra – Vector Algebra, Matrices, Determinants Geometry – Coordinate Geometry Integrals – Calculus.
- <https://exams.freshersnow.com/>
- **Physics** – Electronics – Current Electricity Velocity – Laws of Motions, Oscillation and Waves Gravitations Basis – Physics, Measurement Isotopes – Atom and Nuclei Forces – Gravitation, Magnetic Effects of Current and Magnetism Transmission – Communications Systems Kinetic Theory of Gases Light – Optics Temperature – Thermodynamics.
- **Chemistry** – Atomic Study – Atomic Structure, Hydrogen, Chemical Bonding, Molecular Structure, Hydrocarbons Organic Chemistry – Characterization and Purification Environmental Chemistry Surface Chemistry Kinetics – Chemical Kinetics Matter – States, Block Elements Equilibrium

MCA

- **Mathematics** – Engineering Mathematics/ B.Sc. subsidiary level Mathematics
- **Logical reasoning** – pictures, geometrical figures, patterns of words, Number Sequence, Set Theory, Logic decoding, etc.

BBA LLB (Hons) & B.Com LLB (Hons)

- Law, Reasoning, General English, Current Affairs
- The syllabus of Law will comprise of the subjects relating to the Bar Council of India

LLB

- Law, Reasoning, General English, Current Affairs
- The syllabus of Law will comprise of the subjects relating to the Bar Council of India