



RIMT
UNIVERSITY

NAAC
Accredited

RIMT Scholarship Test Syllabus

Entrance Test Combinations & Syllabus

Maximum Marks: 100 Duration: 90 min

Subject Combinations

1. Physics, Chemistry, Math

Combination Applicable For: B.Tech, B.Sc Non-Medical.

2. Physics, Chemistry, Biology

Combination Applicable For: B.Sc Medical, B.Sc Radiology And Imaging Technology (RIT), Bachelor In Medical Lab Technology (BMLT), Bachelor Of Physiotherapy (BPT).

3. Physics, Chemistry, Biology or Math

Combination Applicable For: Pharm.D, B.Pharm, D.Pharm, B.Sc. Forensic Science, B.Sc (Hons.) Agriculture, B.Sc Operation Theatre And Anaesthesia Technology, B.Sc Dialysis Technology, B.Optomety.

4. English, Aptitude and General Knowledge

Combination Applicable For: Bachelor of Computer Application (BCA), BCA (Hons.) With Specialization In Artificial Intelligence And Data Science, BCA (Hons.) With Specialization In Artificial Intelligence And Machine Learning, BA (Journalism & Mass Communication), B.Sc Fashion Design, B.Sc / B.Des Interior Design, B.Sc / B.Des Graphic Communication Design, BFA, BBA - Bachelor Of Business Administration, B.Com - Bachelor Of Commerce, B.Sc Animation & Game Design, B.Sc Information Technology, B.Sc Computer Science, B.Com LLB, BBA LLB, B.Sc. Hospitality & Hotel Administration, Bachelor In Hotel Management (BHM).

5. English, Aptitude, General Knowledge, and Math

Combination Applicable For: MBA, LLB

Detailed Syllabus

English: (35 marks)

- Unseen Comprehension
- reported Speech
- Tenses
- Modals
- Determiners
- Subject-Verb-Agreement
- Editing Passage

Aptitude: (35 marks)

- Number Series
- Blood Relations
- Coding and Decoding
- Sitting Arrangement
- Dates and Calendars

Chemistry: (35 Marks)

- Biomolecules
- Solid State
- d & f- Block Elements
- p -Block Elements
- Electrochemistry
- Surface Chemistry
- General Principles & Processes of Isolation of Elements
- Solutions
- Chemical Kinetics
- Polymers
- Coordination Compounds
- Alcohols, Phenol & Esther
- Keystones and Carboxylic Acids
- Organic Compounds containing Nitrogen
- Chemistry in Everyday Life

Physics: (35 Marks)

- Current Electricity
- Electromagnetic Induction
- Electronic Devices
- Alternating Current
- Atoms and Nuclei

- Communication Systems
- Electromagnetic Waves
- Optics
- Dual Nature of Matter
- Electrostatics
- Magnetic Effect of Current & Magnetism

Biology: (30 Marks)

- The Difference between Prokaryotic & Eukaryota
- Cell Theory
- Structural Organization of Cell
- Mendel's Law of Inheritance
- Classification Binomial and Nominal Nomenclature
- Five Kingdom Classifications
- The Role of Plants in Human Welfare
- Mineral Nutrition Essential Elements and their Function.

Mathematics: (30 Marks)

- Sets, Relations, and functions
- Determinants
- Matrices
- Differentiability
- Differential equations
- Trigonometry
- Coordinate geometry
- 3-D geometry
- Permutations combination
- Limits and continuity
- Sequences and series
- Integral calculus
- Statistics
- Vector algebra
- Mathematical reasoning
- Probability

General Knowledge: (30 marks)

- Current Affairs (National, International and Sports)

For MBA and LLB

English: (25 marks)

- Unseen Comprehension
- reported Speech
- Tenses
- Modals
- Determiners
- Subject-Verb-Agreement
- Editing Passage

Aptitude: (25 marks)

- Number Series
- Blood Relations
- Coding and Decoding
- Sitting Arrangement
- Dates and Calendars

General Knowledge: (25 marks)

- Current Affairs (National, International and Sports)

Mathematics: (25 Marks)

- Sets, Relations, and functions
- Determinants
- Matrices
- Differentiability
- Differential equations
- Permutations combination
- Limits and continuity
- Sequences and series
- Integral calculus
- Statistics
- Vector algebra
- Mathematical reasoning
- Probability