

Bihar Combined Entrance Competitive Examination Board



Bihar ITICAT Exam Pattern

Name of the Subject	No of Questions	No of Marks	Total Time
Mathematics	50 Questions	100 Marks	2 Hours 15 Minutes
General Science	50 Questions	100 Marks	
General Knowledge	50 Questions	100 Marks	
Total	150 Questions	300 Marks	

Bihar ITICAT Syllabus

Subjects

Syllabus

Mathematics	Sets and Functions, Algebra, Co-ordinate Geometry, Calculus, Relations and Functions, Vectors, 3-D Geometry, Statistics & Probability, Linear Programming
Science	<p>Physics: Physical world and measurement, Heat and Thermodynamics, Behavior of Perfect Gas and Kinetic Theory, Gravitation, Properties of Bulk Matter, Oscillations and Waves, Current Electricity, Laws of Motion, Work, Energy and Power, Motion of System of Particles and Rigid body, Magnetic effects of current & Magnetism, etc https://exams.freshersnow.com/category/entrance-exam-syllabus/</p> <p>Chemistry: Some basic concepts of Chemistry, Chemical Bonding and Molecular Structure, Classification of Elements and Periodicity in Properties, States of Matter: Gases and Liquids, Thermodynamics, Equilibrium, Redox Reactions, etc.</p>

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Biology: Structural Organization an Animals and Plants, Diversity in Living World, Cell: Structure and Function, Human Physiology, Plant Physiology, Genetics, Evolution, etc.

**General
Knowledge**

Current Affairs, Indian History, Indian Geography, Sports, Famous Personalities, etc.