

All India Institute of Medical Sciences (AIIMS), Bhopal

AIIMS Bhopal Quantitative Aptitude Topics

- Time and Work Partnership
- Ratio and Proportion
- Boats and Streams
- Simple Interest
- Time and Distance
- Problems on Trains
- Areas
- Races and Games
- Numbers and Ages
- Mixtures and Allegations
- Mensuration
- Permutations and Combinations
- Problems on L.C.M and H.C.F
- Pipes and Cisterns
- Percentages
- Problems on Numbers
- Averages
- Indices and Surds
- Compound Interest
- Volumes
- Odd Man Out
- Quadratic Equations
- Simple Equations
- Probability
- Profit and Loss

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- Simplification and Approximation

Technical Subjects Syllabus

Pharmacist

- Drug Store Management.
- Nutrition.
- Psychiatric Nursing.
- Human Anatomy & Physiology.
- Health Education and Community Pharmacy.
- Biochemistry.
- Pharmaceutical Jurisprudence.
- Pharmaceutics.
- Nursing Management.
- Health Education & Community Pharmacy.
- Pharmacology.
- Computers in Nursing.
- Midwifery & Gynaecological Nursing.
- Toxicology.
- Hospital & Clinical Pharmacy.
- Medical-Surgical Nursing.
- Pharmacognosy.
- Community Health Nursing.
- Fundamentals of Nursing.
- Biochemistry.
- Psychology.
- First Aid.
- Microbiology.

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- Sociology.
- Accountancy.
- Clinical Pathology.
- Biochemistry.
- Environmental Hygiene.
- Mental Health.
- Pharmaceutical Chemistry.
- Personal Hygiene.

Civil

- Building Planning
- Valuation
- Hydraulic Structure
- Professional practice
- Transportation Engineer 1 & 2 (Road)
- Quantity Estimation
- Building Code
- Town Planning
- GIS
- Structural Analysis
- Soil Mechanics

Electrical

- Electric Circuits
- Electrical Machines
- Power Systems
- Utilization & Control Systems

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- Analog and Digital Electronics
- Power Electronics and Drives
- Synchronous Machines
- Estimation and Costing
- Basic concepts
- Generation
- Circuit law
- Measurement and Measuring Instruments
- Electrical Machines
- Magnetic Circuit
- AC Fundamentals
- Fractional Kilowatt Motors
- Single phase induction Motors
- Transmission and Distribution
- Utilization and Electrical Energy

Mechanical

- Engineering Mechanics
- Energy conservation
- Engineering Materials
- The Strength of Materials
- Management Information System
- Machining and Machine Tool Operations
- Meteorology and Inspection
- Product design and Development
- Fluid Machines
- Heat Transfer

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- Fluid Mechanics
- Theory of Machines
- Thermodynamics
- Operations Research
- Machine Design
- Industry Safety
- Inventory Control
- Machining and Machine Tool Operations
- Metal Casting
- Production Planning and Control
- Computer Integrated Manufacturing Design
- Inventory Control

Computer Science

- Computer Networks
- Databases
- Theory of Computation
- Operating System
- Programming and Data Structures
- Web Technologies
- Compiler Design
- Digital Logic
- Algorithms
- Computer Organization and Architecture
- Information Systems and Software Engineering etc

Electronics

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- Basics of Circuits and Measurement Systems
- Electrical and Electronic Measurements
- Analytical
- Control Systems
- Optical Instrumentation
- Process Control
- Signals & Systems, and Communications

Reasoning

Verbal Reasoning

- Analogy
- Series Completion
- Verification of truth of the Statement
- Situation Reaction Test
- Direction Sense Test
- Classification
- Data Sufficiency
- Alpha- Numeric Sequence Puzzle
- Puzzle Test
- Blood Relations
- Coding- Decoding
- Assertion and Reasoning
- Arithmetical Reasoning
- Operations of Mathematics
- Venn Diagrams
- Word Sequence
- Missing Characters

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- Sequential Output training
- Directions
- Test on Alphabets
- Eligibility Test

Non-Verbal Reasoning

- Dot Situation
- Identical figure groupings
- Forming figures and analysis
- Construction of squares and Triangles
- Series
- Analytical Reasoning
- Paper Folding
- Paper Cutting
- Cubes and Dice
- Water Images
- Mirror Images
- Figure Matrix
- Completion Incomplete Pattern
- Spotting embedded figures
- Classification
- Rules Detection

English

- Spellings/ Detecting Mis-spelt words
- Antonyms and its correct usage
- Common Error

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- Active/ Passive Voice of Verbs
- Comprehension Passage
- Spot the Error
- Cloze Passage
- Fill in the Blanks
- Shuffling of Sentence parts
- Conversions
- Sentence Rearrangement
- Grammar
- Shuffling of Sentences in a passage
- Improvement of Sentences
- Synonyms/ Homonyms
- Antonyms
- Vocabulary
- Idioms & Phrases
- One word substitution

Current Affairs

- Books & Authors
- Finance
- Science & Technology
- Environment
- Economy
- Banking
- Awards
- Sports & General
- Festivity

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- International Affairs
- Current Events
- Current Ministers & Governors
- Business
- Indian Financial System
- Politics
- Capitals & Currencies
- Education
- Government Schemes
- Abbreviations and Economic Terminologies
- Summits & Conferences, etc
- Obituary
- Talkies