

BVP CET HM Exam Pattern

Subject Name	Questions	Marks
Reasoning & Logical Deduction	20	20
Numerical Ability	20	20
Scientific Aptitude	20	20
General Knowledge	20	20
English Language	20	20
Total	100 Questions	100 Marks

BVP HM Syllabus - Subject Wise

BVP CET HM Reasoning & Logical Deduction Syllabus

- Mirror Images
- Grouping Identical Figures
- Figure Matrix Questions
- Problem on Age Calculation
- Decision Making
- Inference
- Analogy
- NonVerbal Series
- Test of Direction Sense
- Number Series
- Alphabet Series
- Arguments
- Ven Diagram
- Blood Relations

- Coding and Decoding
- Number Ranking
- Arithmetical Reasoning

BVP HM Numerical Ability Syllabus

- Probability
- Time and Distance
- Quadratic Equations
- Odd Man Out
- Races and Games
- Numbers and Ages
- Averages
- Mensuration
- Profit and Loss
- Problems on Numbers
- Pipes and Cisterns
- Indices and Surds
- Simple Equations
- Permutations and Combinations
- Compound Interest
- Boats and Streams
- <https://www.freshersnow.com/syllabus/>
- Simplification and Approximation
- Mixtures and Allegations
- Simple Interest
- Problems on LCM and HCF
- Time and Work Partnership
- Problems on Trains
- Ratio and Proportion
- Areas
- Volumes
- Percentages

BVP HM Entrance Exam Scientific Aptitude Syllabus

- Laws of motion
- Units and measurements
- Thermal properties of matter
- Gravitation

- Kinetic theory
- Wave optics
- Work, energy, and power
- Physical-world
- Oscillations
- Ray optics and optical instruments
- Mechanical properties of solids
- Thermodynamics
- Motion in a straight line
- Nuclei
- Motion in a plane
- Systems of particles and rotational motion
- Mechanical properties of fluids
- Moving charges and magnetism
- Electric charges and fields
- Electrostatic potential and capacitance
- Electromagnetic induction
- Current electricity
- Magnetism and Matter
- Dual nature of radiation and matter
- Alternating current
- Atoms
- Electromagnetic waves
- Semiconductor electronics
- Waves
- The s – block elements
- Communication systems
- Organic chemistry-some basic principles and techniques and hydrocarbons
- P-block elements – group 14 (carbon family)
- Solutions
- Surface chemistry
- Thermodynamics
- Chemical equilibrium and acids-bases
- Hydrogen and its Compounds
- Atomic structure
- D and f block elements & coordination compounds
- Classification of elements and periodicity in properties
- Environmental chemistry
- Biomolecules
- Solid-state

- States of matter: gasses and liquids
- Chemistry in everyday life
- Stoichiometry
- General principles of metallurgy
- Organic compounds containing c, h & o
- P- block elements group 13 (boron family)
- P-block elements
- Chemical bonding and molecular structure
- Electrochemistry and chemical kinetics
- Haloalkanes and haloarenes
- Polymers
- Organic compounds containing nitrogen

bvuniversity.edu.in General Knowledge Syllabus

- Important Days
- Indian History
- Books and Authors
- Awards and Honors
- Capitals of India
- Indian Economy
- Budget and Five Year Plans
- Countries and Capitals
- International and National Organizations
- Indian National Movement
- Sports
- Current Affairs – National and International
- Abbreviations
- General Policy
- Science and Technology
- Science – Inventions & Discoveries

BVP CET HM English Language Syllabus

- Antonyms
- Active and Passive Voice
- Substitution
- Sentence Improvement
- Synonyms
- Spelling Test

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- Substitution
- Passage Completion
- Idioms and Phrases
- Sentence
- Completion
- Error Correction (Underlined Part)
- Transformation
- Prepositions
- Sentence Arrangement
- Fill in the blanks
- Spotting Errors
- Para Completion
- Joining Sentences
- Error Correction (Phrase in Bold)