

Banasthali Vidyapith Syllabus

The exhaustive list of topics from Physics, Chemistry, and Biology is provided below:

Physics:

- Units and Measurement
- Kinematics
- Work, Energy, and Power
- Laws of Motion, Rotational motion
- Gravitation and Satellite
- Mechanics of Solids and Fluids
- Heat and Thermodynamics
- Oscillations & Waves
- Electrostatics
- Current Electricity
- Heating and Magnetic Effect of Current
- Optics
- Atomic and Nuclear Physics
- Semiconductor Physics
- Electromagnetic Induction
- Alternating Currents.

Chemistry:

- States of Matter
- Atomic Structure
- Chemical Bonding and Molecular Structure
- Solutions
- Chemical Thermodynamics
- Equilibrium

- Redox Reactions and Electrochemistry
- Chemical Kinetics
- Classification of Elements and Periodicity
- S-block elements
- P-block elements
- D and f-block elements
- Co-ordination Compounds
- Nomenclature
- Basic Principles of Organic Chemistry
- Hydrocarbons
- Organic compounds containing Halogen, Oxygen, Nitrogen
- Stereochemistry
- Bio-molecules
- Polymers

Mathematics:

- Algebra
- Matrices and Determinants
- Trigonometry
- 2D coordinate geometry
- 3D coordinate geometry
- Vectors
- Differential Calculus
- Integral Calculus
- Differential Equations
- Probability
- Statistics
- Linear Programming

Biology

- Living world and Diversity of life
- Cell and Cell Division
- Genetics

- Morphology of Plants and Animals
- Physiology of Plants and Animals
- Biology in Human Welfare and Ecology
- Environment

Logical Reasoning:

- Verbal reasoning comprising of Analogy, Classification, Series Completion, Logical Deduction and Chart Logic.
- Nonverbal reasoning comprising of Pattern Recognition, Analysis and Rule Detection.

Also, the Banasthali University Aptitude Test Syllabus [Here](#).

Check your JEE Main Eligibility [Here](#). Join & Refer your Friends to Earn Paytm Cashback