

## MHT CET 2025 - Section Wise Syllabus PDF

The 80% of the exam syllabus includes the topics from the Class 12<sup>th</sup> curriculum and the rest 20% is based on the Class 11<sup>th</sup> syllabus. In the MHT CET 2025 exam syllabus, there are four subjects which are as follows:

Physics	Chemistry	Mathematics	Biology
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### MHT CET Syllabus 2025: Class 11<sup>th</sup>

Following are the topics included in the MHT CET syllabus from the 11<sup>th</sup> standard curriculum:

#### *Physics:*

Motion in a Plane	Laws of Motion	Gravitation	Thermal Properties of Matter
Sound	Optics	Electrostatics	Semiconductors

#### *Chemistry:*

Some Basic Concepts of Chemistry	Structure of Atom	Chemical Bonding
Redox Reactions	Elements of Group 1 and 2	States of Matter (Gaseous And Liquids)
Adsorption and Colloids (Surface Chemistry)	Hydrocarbons	Basic Principles of Organic Chemistry

#### *Mathematics:*

Trigonometry II	Straight Line	Circle	Complex Numbers
Probability	Functions	Limits	Continuity
Measures of Dispersion		Permutations and Combinations	

**Biology:**

Biomolecules	Human Nutrition	Excretion
Osmoregulation	Respiration and Energy Transfer	

**MHT CET Syllabus 2025: Class 12<sup>th</sup>**

The below-stated table contains the subject-wise topics that are included in the syllabus of the MHT CET 2025 from Class 12<sup>th</sup>.

**Physics:**

Circular motion	Rotational motion	Oscillations
Gravitation	Elasticity	Electrostatics
Wave Motion	Magnetism	Surface Tension
Wave Theory of Light	Stationary Waves	Communication Systems
Interference and Diffraction	Current Electricity	Magnetic Effects of Electric Current
Electromagnetic Inductions	Electrons and Photons	Atoms
Molecules	Nuclei	Semiconductors
Kinetic Theory of Gases and Radiation		

**Chemistry:**

Organic Compounds Containing	Solid State	Polymers
Solutions and Colligative Properties	P-Block elements	Group 15 elements
D and F Block Elements	Chemical Kinetics	Coordination Compounds
Chemistry in Everyday Life	Aldehydes	Ketones and Carboxylic Acids
Halogen Derivatives of Alkanes (and arenes)	Alcohols	Phenols and Ether Alcohol
General Principles and Processes of Isolation	Nitrogen	Biomolecules
Chemical Thermodynamics and Energetic Electrochemistry		Carbohydrates

**Mathematics:**

Mathematical Logic Statements	Matrices	Pair of Straight Lines
Circle	Line	Conics
Trigonometric Functions	Vectors	Three Dimensional Geometry
Plane	Linear Programming Problems	Continuity
Applications of Derivatives	Integration	Differentiation
Applications of Definite Integral	Differential Equation	Probability Distribution
Statistics	Bernoulli Trials	Binomial Distribution

***Biology - Botany:***

Genetic Basis of Inheritance	Organisms and Environment	Photosynthesis
Biotechnology Process and Application	Microbes in Human Welfare	Reproduction in Plants
Gene its nature, expression, and Regulation	Enhancement in Food Production	Respiration

***Biology - Zoology:***

Origin and the Evolution of Life	Organisms and Environment-II	Animal Husbandry
Genetic Engineering and Genomics	Human Health and Diseases	Circulation
Excretion and Osmoregulation	Control and Co-ordination	Human Reproduction
Chromosomal Basis of Inheritance		