

MHT CET 2024 Syllabus

MHT CET syllabus 2024 comprises information related to the topics and sub-topics covered under the MHT CET 2024 examination. Candidates can access the complete MHT CET syllabus 2024 with weightage PCM and PCB in PDF format here. As per the MHT CET syllabus, questions will be asked from subjects like Physics, Chemistry, Mathematics, and Biology. Detailed chapters/ topics included under MHT CET syllabus 2024 with weightage PCM and PCB are mentioned on this page.

As per the latest **MHT CET syllabus 2024**, approximately 20% weightage will be given to the Class 11 curriculum and 80% will be given to the Class 12 curriculum. Preparing with the MHT CET 2024 syllabus will assist students to understand the topics and construct a study plan accordingly.

Candidates preparing for [MHT CET 2024](#) can check the detailed MHT CET 2024 syllabus PDF on this page.

MHT CET Class 11 Syllabus 2024

The detailed subject-wise syllabus for MHT CET 2024 has been provided below for the ease of the candidates so they do not have to go elsewhere looking for the same. Candidate can check the previous year syllabus for reference. The following sections comprises MHT CET Syllabus 2024 for Class 11 and the topics included from where the questions in the entrance exam will be framed. The following topics from class 11 textbooks prescribed by the Maharashtra State Board of Secondary and Higher Secondary Education will form the basis of questions that will be asked in the entrance test.

- [MHT CET Syllabus 2024 for Class 11](#)

Name of Subject

Topics from the Subject

Physics

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

Chemistry	<ul style="list-style-type: none"> • Some Basic Concepts of Chemistry • Structure of Atom • Chemical Bonding • Redox Reactions • Elements of Group 1 & 2 • States of Matter (Gaseous & Liquids) • Adsorption & Colloids (Surface Chemistry) • Hydrocarbons • Basic Principles of Organic Chemistry
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Mathematics	<ul style="list-style-type: none"> • Trigonometry II • Straight Line • Circle • Measures of Dispersion • Probability • Complex Numbers • Permutations and Combinations • Functions • Limits • Continuity
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Biology (both Botany & Zoology)	<ul style="list-style-type: none"> • Biomolecules • Respiration & Energy Transfer • Human Nutrition • Excretion & Osmoregulation
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MHT CET Class 12 Syllabus 2024

The detailed subject-wise MHT CET Syllabus 2024 for Class 12 has been provided below for the ease of the candidates so they do not have to go elsewhere looking for the same. For now, candidates can check the previous years syllabus for reference. The following sections comprises MHT CET Syllabus 2024 for Class 12 and the topics included from where the questions in the entrance will be framed. The following topics from class 12 textbooks prescribed by the Maharashtra State Board of Secondary and Higher Secondary Education will form the basis of questions that will be asked in the entrance test.

Name of Subject	Topics from the Subject
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Physics

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

Chemistry

- Solutions and Colligative Properties
- Solid State
- Electrochemistry
- Chemical Thermodynamics and Energetic
- General Principles and Processes of Isolation of Elements
- Chemical Kinetics
- Coordination Compounds
- p, d and f-Block Elements
- Alcohols
- Halogen Derivatives of Alkanes
- Aldehydes
- Phenols and Ethers
- Organic Compounds Containing Nitrogen
- Ketones and Carboxylic Acids
- Polymers
- Biomolecules
- Chemistry in everyday Life

Mathematics

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

Biology (both Botany and Zoology)

- Gene: Nature, Expression and Regulation
- Genetic Basis of Inheritance
- Enhancement in Food Production
- Biotechnology: Process and Application
- Photosynthesis
- Microbes in Human Welfare
- Reproduction in Plants
- Respiration
- Environment-I
- Organisms
- Chromosomal Basis of Inheritance
- Origin and Evolution of Life
- Human Health and Diseases
- Genetic Engineering and Genomics
- Circulation
- Animal Husbandry
- Control and Coordination
- Excretion and Osmoregulation
- Organisms
- Human Reproduction
- Environment-II

MHT CET 2024 Chapter/ Topic-Wise Weightage

The chapter/ topic wise weightage of MHT CET 2024 is available. You can click on the links below to check the same -

Mathematics

[Click Here](#)

Physics

[Click Here](#)

Chemistry

[Click Here](#)

Also Check : [MHT CET Physics Syllabus 2024](#)

List of Deleted Topics from MHT CET 2023 Syllabus

Here is the list of deleted topics from the previous year MHT CET Class 12 syllabus. All 2023 MHT CET Aspirants need to keep this in mind as it might be same as last year

[Deleted Topics from MHT CET 2023 Biology](#)

[Deleted Topics from MHT CET 2023 Physics](#)

[Deleted Topics from MHT CET 2023 Chemistry](#)

MHT CET Physics Syllabus 2024

Candidates can check the detailed MHT CET 2024 syllabus of Physics (As per previous year data) for the exam in the table below

Class 11 Topics

Class 12 Topics

Motion in a Plane

Gravitation

Laws of Motion

Circular Motion

Gravitation

Oscillations

Thermal Properties of Matter

Rotational Motion

Sound

Surface Tension

Optics

Elasticity

Electrostatics

Stationary Waves

Semiconductors

Wave Motion

-

Wave Theory

-

Kinetic Theory

-

Electrostatics

-

Interference and Diffraction

-

Magnetism

-

Magnetic Effects of Electric Current

-

Electrons and Protons

-

Electromagnetic Inductions

-

Molecules and Nuclei

-

Atoms

-

Communication Systems

-

Semiconductors

MHT CET Chemistry Syllabus 2024

Candidates can check the detailed MHT CET 2024 syllabus of Chemistry (Based on past year data) for the exam in the table below.

Class 11 Topics

Some Basic Concepts of Chemistry

Structure of Atom

Chemical Bonding

Redox Reactions

Elements of Group 1 & 2

States of Matter (Gaseous & Liquids)

Adsorption & Colloids (Surface Chemistry)

Hydrocarbons

Basic Principles of Organic Chemistry

-

-

-

Class 12 Topics

Solutions and Colligative Properties

Solid State

Electrochemistry

Chemical Thermodynamics and Energetic

General Principles and Processes of Isolation of Elements

Chemical Kinetics

Coordination Compounds

p, d and f-Block Elements

Alcohols

Halogen Derivatives of Alkanes

Aldehydes

Phenols and Ethers

- Organic Compounds Containing Nitrogen
- Ketones and Carboxylic Acids
- Polymers
- Biomolecules
- Chemistry in everyday Life

MHT CET Mathematics Syllabus 2024

Candidates can check the detailed MHT CET 2024 syllabus of Mathematics (According to previous years trends) for the exam in the table below

Class 11 Topics

Trigonometry II

Straight Line

Circle

Measures of Dispersion

Probability

Complex Numbers

Permutations and Combinations

Functions

Class 12 Topics

Matrices

Mathematical Logic

Pair of Straight Lines

Trigonometric Functions

Conics

Circles

Three Dimensional Geometry

Plane

Limits

Line

Continuity

Continuity

-

Linear Programming Problems

-

Differentiation

-

Continuity

-

Application of Derivative

-

Differential Equation

-

Applications of Definite Integral

-

Probability Distribution

-

Statistics

-

Binomial Distribution

-

Bernoulli Trials

MHT CET Biology Syllabus 2024

Candidates can check the detailed MHT CET 2024 syllabus of Biology(both Botany and Zoology) for the exam based on past year's data in the table below.

Class 11 Topics

Biomolecules

Class 12 Topics

Gene: Nature, Expression and Regulation

Respiration & Energy Transfer	Genetic Basis of Inheritance
Human Nutrition	Enhancement in Food Production
Excretion & Osmoregulation	Biotechnology: Process and Application
-	Photosynthesis
-	Microbes in Human Welfare
-	Reproduction in Plants
-	Respiration
-	Environment-I
-	Organisms
-	Chromosomal Basis of Inheritance
-	Origin and Evolution of Life
-	Human Health and Diseases
-	Genetic Engineering and Genomics
-	Circulation
-	Animal Husbandry
-	Control and Coordination
-	Excretion and Osmoregulation

- Organisms
- Human Reproduction
- Environment-II

How to check MHT CET Syllabus 2024 ?

State Common Entrance Test Cell, Maharashtra has released the MHT CET 2024 syllabus PDF and marking scheme. Students preparing for MHT CET 2024 exam can check MHT CET 2024 Syllabus PDF PCM and PCB and marking scheme at the official website. The syllabus of MHT CET 2024 includes four subjects - Physics, Chemistry, Mathematics and Biology. Candidates applying for engineering courses have to appear in the Mathematics part while those applying for pharmacy courses need to appear in the Biology part.

MHT CET Exam Pattern 2024

State CET cell, Maharashtra will release the MHT CET 2024 exam pattern on the official website - cetcell.mahacet.org. The exam pattern of MHT CET 2024 includes details like mode, sections, duration, type of questions, total marks, marking scheme and much more. As per the [MHT CET exam pattern 2024](#), the exam will be conducted in four subjects - Physics, Chemistry, Mathematics and Biology of 100 marks each. The MHT CET 2024 questions will be prepared on the basis of Class 11 and 12 syllabus of Maharashtra State Board of Secondary and Higher Secondary Education.

MHT CET Preparation Strategy 2024

Candidates preparing for MHT CET 2024 must be familiar with the exam structure, course materials, and essential books. Candidates who are familiar with the MHT CET exam pattern 2024 and syllabus will have a better understanding on how to crack the entrance exam. Candidates must incorporate sample papers, previous year question papers and mock exams in their [MHT CET preparation strategy 2024](#). The following are some MHT

CET preparation tips and strategies that will assist applicants do well on the test:

- Candidates need to develop a good study plan and adhere to it consistently
- Learn the whole MH CET 2024 test syllabus as well as the exam format
- To hone your abilities, practise with test questions from the prior year
- Analyze your exam preparedness after taking a practise exam
- Practice yoga and meditation to maintain your calm

MHT CET Syllabus 2024

State Cell of Maharashtra has released the MHT CET 2024 Syllabus PDF PCM and PCB on the official website. Candidates can refer to the table below for detailed information on MHT CET 2024 syllabus.

Subjects

Topics

Physics

- Motion in a plane
- Laws of Motion
- Gravitation
- Thermal properties of matter
- Sound Optics
- Electrostatics
- Semiconductors

Chemistry

- Basic concepts of Chemistry
- Structure of Atom
- Chemical Bonding
- Redox reactions
- Elements of Group 1 & 2
- States of Matter
- Adsorption & Colloids
- Surface Chemistry
- Hydrocarbons
- Basic principles of Organic Chemistry

Mathematics

- Trigonometry II
- Straight line
- Circle
- Measures of Dispersion
- Probability
- Complex Numbers
- Permutations & Combinations
- Functions
- Limits
- Continuity

Biology

- Biomolecules
- Respiration & Energy Transfer
- Human Nutrition
- Excretion
- Osmoregulation

MHT CET 2024 Syllabus PDF Download

Candidates can download the MHT CET syllabus PDF by clicking on the MHT CET Syllabus 2024 PDF link which has been updated below.

[MHT CET Syllabus 2024 PDF](#)

Candidates must check the MHT CET syllabus PDF thoroughly for their preparations. MHT CET 2024 Syllabus PDF PCM and PCB enables the candidates to be aware of the key topics.