

Maharashtra Board 12th Chemistry Syllabus 2024–25, PDF Download Link

Maharashtra Board 12th Chemistry Syllabus 2024-25 is available here. Class 12 students can download the Maharashtra Board Chemistry Syllabus in the pdf format from this page and study for the exam accordingly.

Maharashtra Board 12th Chemistry Syllabus 2024-25: Maharashtra State Board of Secondary and Higher Secondary Education retains responsibility to release the Maharashtra Board 12th Chemistry Syllabus 2024–25 on its official website at mahahsscboard.in to help students get an overview of the topics they need to study. The Class 12 Chemistry Syllabus is a prerequisite for board exams as well as for advanced engineering and medical tests.

To achieve a high score, Class 12 students of the Maharashtra Board need to pay close attention to the Chemistry Syllabus. The Maharashtra Board 2024–25 exams will probably be conducted in February or March 2025.

Here, we have provided the Maharashtra Board 12th Chemistry Syllabus 2024–25 to help students study prepare for the exams effectively and efficiently.

Maharashtra Board Class 12 Chemistry Syllabus PDF Download

The Maharashtra Board Class 12 Chemistry Syllabus 2024-25 is available here. Students can download the Maharashtra Board Class 12 Chemistry Syllabus in PDF format from the link provided below and start their board exam preparation today.

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Maharashtra Board Class 12 Chemistry Syllabus 2024-25

The Maharashtra State Board of Secondary and Higher Secondary Education has been in charge of implementing the [Maharashtra HSC Syllabus 2024–25](#). Students

must be aware of the Maharashtra Class 12 Chemistry Syllabus 2024–25 to ascertain the subjects and chapters they must study under the Maharashtra Board 12th Chemistry Syllabus. The table given below mentions the different topics and subtopics covered in the Class 12 Maharashtra Board Chemistry Syllabus.

Maharashtra Board Class 12 Chemistry Syllabus 2024-25		
Unit Number	Name of Topic	Sub- Topics
1	Solid state	<ul style="list-style-type: none"> • Classification of solids • Unit cell in 2 & 3-dimensional lattices • Calculation of density, voids, point defects <ul style="list-style-type: none"> • Electrical and magnetic properties • Band theory of metals • Conductors, semiconductors, insulators and n-p-type semiconductors.
2.	Solutions and colligative properties	<ul style="list-style-type: none"> • Types of solutions • The concentration of solids in liquids • Raoult's law elevation of boiling point, • Solubility of gases in liquids, solid solutions <ul style="list-style-type: none"> • Colligative properties • Depression of freezing point • Osmotic pressure • Determination of molecular masses using colligative properties <ul style="list-style-type: none"> • Van't Hoff factor, etc.
3.	Chemical thermodynamics and energetic	<ul style="list-style-type: none"> • Work, heat, and energy • The first law of thermodynamics • Hess' law of constant heat summation • Extensive and intensive properties

		<ul style="list-style-type: none"> ● Enthalpy of bond dissociation Second and third law of thermodynamics, etc
4	Electrochemistry	<ul style="list-style-type: none"> ● Kohlrausch's Law ● Lead Accumulator ● Dry cell –electrolytic and galvanic cells, <ul style="list-style-type: none"> ● EMF ● Fuel cells ● Nernst equation
5	Chemical kinetics	<ul style="list-style-type: none"> ● Activation energy, ● Rate law and specific rate constant <ul style="list-style-type: none"> ● Arrhenius equation ● Concept of collision theory
6.	General principles and processes of isolation of elements	<ul style="list-style-type: none"> ● Principles and methods of extraction ● Reduction electrolytic method and refining
7.	p-Block elements	<ul style="list-style-type: none"> ● Group 15 elements ● Group 16 elements ● Classification of oxides <ul style="list-style-type: none"> ● Group 17 elements ● Group 18 elements,
8.	d and f Block elements	<ul style="list-style-type: none"> ● Lanthanoids <ul style="list-style-type: none"> ● Actinoids ● First row transition metals ● Interstitial compounds <ul style="list-style-type: none"> ● Alloy formation
9.	Coordination compounds	<ul style="list-style-type: none"> ● IUPAC Nomenclature ● Werner's theory ● Coordination number ● Magnetic properties

		<ul style="list-style-type: none"> • VBT, CFT. isomerism
9.	Halogen derivatives of alkanes	<ul style="list-style-type: none"> • Haloalkanes • Haloarenes • Stability of carbocations • d-l and R-S configurations
11	Alcohols, phenols, and ethers	<ul style="list-style-type: none"> • Nomenclature • Physical and chemical properties • Methods of preparation
12	Aldehydes, ketones, and carboxylic acids	<ul style="list-style-type: none"> • Nomenclature • Physical and chemical properties • Methods of preparation
13	Organic compounds containing nitrogen	<ul style="list-style-type: none"> • Amines • Diazonium salts • Cyanides and isocyanides
14	Biomolecules	<ul style="list-style-type: none"> • Carbohydrates • Proteins • Vitamins • Nucleic acids
15	Polymers	<ul style="list-style-type: none"> • Classification • Methods of polymerization • Copolymerization <ul style="list-style-type: none"> • Polythene • Bakelite • Nylon • Polyesters • Rubber • Biodegradable, non-biodegradable polymers.

16	Chemistry in everyday life	<ul style="list-style-type: none"> Chemicals in Medicines Chemicals in food Cleansing agents
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Maharashtra Board Class 12 Chemistry Exam Pattern 2024-25

It is also important to know the Maharashtra Board Class 12 Chemistry Exam Pattern, which would help candidates prepare for the exam in an organized manner. The total weightage of the Chemistry section in the Class 12 Exam is 100 marks, with 70 marks for the theoretical paper and 30 marks for the practical examinations. The Class 12 Chemistry Exam Pattern, including the types of questions and marking scheme, is given in the table below.

Maharashtra Board Class 12 Chemistry Exam Pattern 2024-25				
Section	Type of question	Number of questions	Marks	Total Marks
Section A	MCQ	10	1 mark for each question	10
	Very Short Answer (VSA)	8	1 mark for each question	8
Section B	Short Answer (SA)	8 out of 12	2 marks for each question	16
Section C	Short Answer (SA)	8 out of 12	3 marks for each question	24
Section D	Long Answer (LA)	3 out of 4	4 marks for each question	12

Total				70
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[Maharashtra HSC Class 12 Subject -Wise Exam Pattern](#)

Maharashtra Board Class 12 Chemistry Exam Question Format

The mark distribution for different sections of the Maharashtra Board Class 12 Chemistry Exam is given below.

- Section A has 10 MCQ questions, which include 8 theory-based questions and 2 numerical-based questions.
- Section A also has 8 VSA questions, of which seven are theory-based and one is numerical.
- Section B and Section C each have 10 theory questions and 2 numerical questions.

We hope the Maharashtra Board Class 12 Chemistry Syllabus provided here gives students a clear understanding of the topics they need to study for the 2024–25 exams. To prepare effectively and efficiently for your upcoming Class 12 Maharashtra Board Exam, we recommend joining [Board Booster Maharashtra Class 2024](#) by Physics Wallah. By joining these classes, you will have the opportunity to resolve all your doubts with the help of subject matter experts available 24/7.

Maharashtra Board 12th Chemistry Syllabus 2024–25 FAQs

1. How do the students get access to the Maharashtra Board Class 12 Chemistry Syllabus 2024–25?

Ans. Maharashtra State Board of Secondary and Higher Secondary Education (MSBSHSE) releases the updated chemistry syllabus for class 12 on its official website. Students can check and download the same for their reference by visiting the official website or directly from this page.

2. What does the Maharashtra board class 12 chemistry syllabus 2024–25 include?

Ans. The Maharashtra board class 12 chemistry syllabus 2024–25 includes detailed information about the different topics and their weights in the class 12 exams.

3. How many times does the Maharashtra State Board conduct examinations?

Ans. The Maharashtra board conducts exams twice a year.

4. What is the mode of the Maharashtra State Board Chemistry Exam 2024–25 for Class 12?

Ans. The Maharashtra board Chemistry Exam 2024–25 for class 12 will be conducted in offline mode.

5. How many units are there as per the latest Maharashtra board 12th chemistry syllabus 2024–25?

Ans. There are 16 units in the latest Maharashtra board class 12th chemistry syllabus (2024–25).

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