

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

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

Maharashtra Board 12th Biology Syllabus 2024-25: The Maharashtra Board 12th Biology Syllabus 2024–25 has been released by the Maharashtra State Board of Secondary and Higher Secondary Education (MSBSHSE), which is the conducting body for the Higher Secondary Certificate (HSC) exams in Maharashtra. The Class 12th Biology Syllabus 2024–25 will give students a detailed overview of the topics they need to study and prepare for the exams.

The Biology Syllabus 2024–25 is very important for Class 12 students because it creates a solid foundation on biology concepts that helps them pursue further education in this field of study. The Maharashtra Board 12th Biology Syllabus 2024–25 can be easily accessed online on the official website of MSBSHSE. Students can also download the Maharashtra Board 12th Biology Syllabus 2024–25 in PDF format using the link given on this page.

Maharashtra Board Class 12 Biology Syllabus PDF Download

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

Maharashtra Board Class 12 Biology Syllabus PDF

Maharashtra Board 12th Biology Syllabus 2024–25 Overview

The Maharashtra State Board of Secondary and Higher Secondary Education has been in charge of implementing the [Maharashtra HSC Syllabus 2024](#), which includes various subjects. Students must have a thorough knowledge of the

Maharashtra Board 12th Biology Syllabus 2024–25 to clearly identify the topics they must study to prepare themselves for competitive exams. The different chapters and their sub-topics of the Maharashtra Board 12th Biology Syllabus 2024–25 is given below.

Maharashtra Board 12th Biology Syllabus 2024-25		
Chapter Number	Chapter Name	Sub-Topics
1	Genetics and Evolution	Genetic as a basis of inheritance, nature, expression, and control, RNA, Protein Synthesis.
2	Biotechnology and its application	Genetic engineering, cloning, Plasmids, Bacteriophages, BT crops, Biosafety
3	Enhancement in Food Production	Tissue Culture, Plant Breeding, Single Cell Protein, Biofortification etc.
4	Microbes in Human Welfare	Use of Microbes in food processing, industrial production, Biocontrol Agents, Biofertilizers, etc.
5	Plant Physiology	Photosynthesis, Respiration, Aerobic and Anaerobic Respiration, Fermentation, etc.
6	Reproduction in Plants	Asexual and Sexual Reproduction, Fertilization, Pollination, etc.
7	Habitat and Niche	Ecosystems, Ecological succession, Environmental hazards, etc.

8	Zoology	Genetics and Evolution, application of Biotechnology
9	Genetics and Evolution	Origin and the Evolution of Life, Chromosomal Basis of Inheritance
10	Genetic Engineering and Genomics	DNA Fingerprinting, Genomics, Gene Therapy etc.
11	Human Health and Diseases	Immunology, Antigen-Antibody, Pathogens and Parasites, Adolescence, drug abuse, Cancer and AIDS, etc.
12	Animal Husbandry	Dairy farming, Animal husbandry, Fisheries, Poultry, Sericulture etc.
13	Circulation	Composition of blood, Heart, Pulmonary Circulation, Cardiac output, cardiac activity, Blood related disorders, ECG, etc.
14	Excretion and osmoregulation	Excretory System, Regulation of kidney function, Disorders, etc.
15	Control and Co-ordination	Nervous System, Sensory organs, Endocrine System, Hormones, etc.
16	Human Reproduction	Reproductive system, Reproductive health, Contraception and sexually transmitted diseases, etc.
17	Ecology and Environment	Conservation of Biodiversity, Population and ecological adaptations, etc.

Maharashtra Board Class 12 Biology Exam Pattern

The Maharashtra Board Class 12 Biology Exam Pattern gives a guideline for students to help them prepare for the exam in an organized manner for effective outcomes. The total marks of the Maharashtra Board 12th Biology exam are 100, out of which 70 marks are allotted for the theoretical paper and 30 marks for the practical examinations. The Class 12 biology Exam Question pattern of the theoretical paper, including the sections, types of questions, and marking scheme, is given in the table below.

Maharashtra Board Class 12 Biology Exam Pattern				
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 questions to be answered	2 marks for each question	16
Section C	Short Answer (SA)	8 out of 12 questions to be answered	3 marks for each question	24
Section D	Long Answer (LA)	3 out of 4 questions to be answered	4 marks for each question	12

Total				70
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We hope the biology syllabus for Class 12 provided here will give students a clear idea of the topics they need to study as per the Maharashtra Board Class 12 biology exams for 2024–25.

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 anytime as per your convenience.

Maharashtra Board 12th Biology Syllabus 2024-25 FAQs

1. How do the students know about the Maharashtra Board 12th Biology Syllabus 2024–25?

Ans. Maharashtra State Board of Secondary and Higher Secondary Education (MSBSHSE) releases the updated biology syllabus for Class 12 on its official website. Students can check out the website and download the chemistry syllabus for their reference.

2. How many chapters are there as per the latest Maharashtra Board 12th biology syllabus 2024–25?

Ans. There are 17 chapters in the latest Maharashtra board Class 12th biology syllabus (2024–25).

3. What does the Maharashtra board Class 12 biology syllabus 2024–25 include?

Ans. The Maharashtra board Class 12 biology syllabus 2024–25 includes detailed information about the different topics and the exam pattern with marking scheme.

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

Ans. The Maharashtra State Board Class 12 Biology Exam 2024–25 will be conducted in pen-and-paper mode.

5. What is the passing percentage in the Maharashtra State Board Class 12 Biology Exam 2024–25?

Ans. Students must acquire at least 35% marks to pass the Maharashtra State Board Class 12 Biology Exam 2024–25.



