



GOVERNMENT OF MAHARASHTRA

STATE COMMON ENTRANCE TEST CELL, MAHARASHTRA STATE, MUMBAI

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MHT-CET 2021 Online Computer Based Test (CBT) Syllabus and Marking Scheme

Reference : - Letter from Directorate, Technical Education, Mumbai vide Letter No.2A/ADM/MHT CET Syllabus/2020/347, Dated 01/12/2020.

Syllabus and Marking Scheme for First Year of Engineering and Technology, Pharmacy and Pharm D degree course MHT- CET 2021

- The questions will be based on Syllabus of Maharashtra State Board of Secondary and Higher Secondary Education.
- Approximately 20% weightage will be given to Std. XI curriculum and 80% weightage will be given to Std. XII curriculum while setting the question paper.
- There will be no Negative Marking, however difficulty level will be at par with the JEE (Main) for Mathematics, Physics, Chemistry and difficulty level for Biology will be at par with NEET. The questions will be mainly application based.
- MHT-CET will consist of 3 question papers of Multiple Choice Questions (MCQ) and each paper will be of 100 marks. Details are as given below :

Paper	Subject	Approximate No. of Multiple Choice Questions (MCQ) based on		Mark(s) Per Question	Total Marks	Duration in Minutes
		Std. XI	Std. XII			
Paper I	Mathematics	10	40	2	100	90
Paper II	Physics	10	40	1	100	90
	Chemistry	10	40			
Paper III	Biology	20	80	1	100	90

- The question will be set on
 - Whole syllabus of Std XII of 2020-21 of Physics, Chemistry, Biology and Mathematics subjects excluding portion which is deleted by Maharashtra Rajya Pathyapustak Nirmiti va Abhyaskram Sanshodhan Mandal महाराष्ट्र राज्य पाठ्यपुस्तक निर्मिति व अभ्यासक्रम संशोधन मंडळ, (बालभारती) for H.S.C.Examination due to covid19 pandemic situation.
 - Syllabus of Std XI of 2019-20 as mentioned below:

Sr.No.	Subject	Chapters/Units of Std XI Syllabus
1.	Physics	Motion in a plane, Laws of Motion, Gravitation, Thermal properties of matter, Sound, Optics, Electrostatics, Semiconductors
2.	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
3.	Mathematics	Trigonometry II, Straight Line, Circle, Measures of Dispersion, Probability, Complex Numbers, Permutations and Combinations, Functions, Limits, Continuity
4.	Biology	Biomolecules, Respiration and Energy Transfer, Human Nutrition, Excretion and Osmoregulation

