

Anjuman Engineering Scholarship Examination (AESE)-2023

Syllabus and Marking Scheme

1. The questions will be based on syllabus of State Council of Educational Research and Training, Maharashtra.
2. 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.
3. There will be no negative marking, however
4. AESE-2023 will consist of multiple choice questions (MCQ) and paper will be of 200 marks. Details are as given below:

Subject	No. of Multiple choice question (MCQ)		Marks per Question	Total Marks	Duration
	Std. XI	Std. XII			
Mathematics	10	40	2	100	180
Physics	10	40	1	50	
Chemistry	10	40	1	50	

5. The questions will be set on
 - a) Whole Syllabus of Std. XII of 2022-23 of Physics, Chemistry and Mathematics Subjects.
 - b) Syllabus of Std. XI of 2021-22 as mentioned below:

Sr. No	Subject	Chapter/Units of Std. XI syllabus
1.	Mathematics	Trigonometry II, Straight line, Circle, Measures of dispersion, probability, complex Number, Permutation and combinations, Functions, Limit and continuity,
2.	Physics	Motion in plane, Laws of Motion, Gravitation, Thermal properties of matter, sound, optics, Electrostatics, semiconductors.
03.	Chemistry	Some basic concept of Chemistry, Structure of atom, chemical bonding, redox reactions, Elements of group I & II states of matter, Absorption and colloids, Hydrocarbons, Basic principle of organic chemistry.