

PAPER OF QUESTION PAPER FOR *B.E.* EXAMINATION

1. Question should be set from each unit. All the questions are to be attempted. Each question should have internal choice.
2. Solutions to numerical parts of the question must be prepared by the paper setter and kept in a separate envelop along with the scheme of valuation. This document will be in the form of Memorandum of Instruction (MoI) to the valuers. **Annexure-I** enclosed shows the structure of MoI.
3. A question may consist of minimum of three parts (a), (b) & (c). The **part 'a'** will carry two marks and shall require very brief answer in 1-2 lines only. This part will consist of very easy type of question so that the examinee possessing elementary knowledge will also be in a position to correctly answer the part of the Question.

The remaining parts of the question should be set **on any one of the following pattern or combination** thereof.

Pattern A:

(a)	-----2 marks
(b)	} Any two questions @ 7 marks
(c)	
(d)	

Pattern B:

(a)	----- 2 marks
(b)	} Any one part @ 10 marks
(c)	
(d)	----- 4 marks

Pattern C:

(a)	----- 2 marks
(b)	} Any one part @ 14 marks
(c)	

} This pattern may be used for long numericals / proofs /derivations/ Design problems etc.

4. The question should be specific and unambiguous.
5. Care should be taken to ensure that there will be no missing data in any question and examinee should not be required to assume suitable data as far as possible.
6. The questions should be set well within the prescribed syllabus based on subtopics mentioned therein .
7. The question paper should be designed in such a manner so that an average student is able to score about 45% to 55% marks and should be quite challenging to score 80% or above marks.
8. The paper setter must ensure that it should be possible for a good student to solve all the question within the prescribed time limit.
9. The manuscript of the paper written by the paper setter in his/ her own handwriting should be legible.
10. The figures/diagrams should be drawn neat and clean and should be dimensioned and labeled properly.
11. Questions should be written on one side of the sheets supplied for the purpose. The question paper should not bear the signature of the paper setter. Subject, paper, time, maximum marks and the minimum pass marks must be mentioned at the top. Overwriting should be avoided.
12. If the candidates are to be supplied with materials viz Databook, Steam Table, Charts, Graph Paper etc., a clear note to that effect should be given at the top in the question paper so that candidates may ask for it from the invigilator.
13. Serial no. of question be given in Roman numerics i.e. (I, II, III, etc.) and marks allotted may be recorded in arithmetical figures i.e. (1,2,3 etc.) in question paper.
14. Confidentiality must be strictly maintained.
15. Time schedule should be strictly adhered to.
16. The points mentioned above will be widely circulated to the students so as to enable them to make preparation for the examination accordingly.