

## **Modalities, Paper pattern and Norms for (B.E / B.Tech) Examination**

1. For under graduate degree programmes (B.E./B.Tech.), the candidates have to appear in both theory (written) as well as practical examinations.
2. Candidate has to obtain 40% marks (taking theory & practical together) to qualify the examination.
3. The questions in both the papers of the theory exam shall be multiple choice (MCQ) type and conducted on OMR sheets.
4. The identified syllabus for the theory exams relevant to each programme (B.E./B.Tech.) is available on AICTE website.
5. The theory papers shall comprise of questions of one mark and two marks.
6. There shall be **no negative marking** in the theory papers.
7. More emphasis shall be given on comprehensive type, application type and analysis type questions in both the theory papers.
8. The details of Theory papers are as follows:

### **Theory Paper I (MCQ Type)**

**Theory paper I shall comprise of Engineering Mathematics (20 questions) and core engineering/technology subjects (100 questions)**

Duration:	3 hours
Total Questions:	120
Maximum Marks:	160

### **Engineering Mathematics**

**Total Questions : 20 (Maximum Marks: 30)**

- 10 questions shall be of 2 marks and
- 10 questions of 1 mark each.

### **Core Engineering / Technology subjects**

**Total Questions : 100 (Maximum Marks : 130)**

- 30 questions shall be of 2 marks and
- 70 questions of 1 mark each.

### **Theory Paper II (MCQ Type)**

**Theory paper II shall comprise of core engineering/technology subjects (120 questions) only.**

Duration:	3 hours
Total Questions:	120
Maximum Marks:	160

### **Core Engineering / Technology subjects .**

- 40 questions shall be of 2 marks and
- 80 questions of 1 mark each.

9. The details of practical exam are as follows:

A List of 50 practicals relevant to each UG programme (B.E./B.Tech.) will be published and uploaded on the AICTE website and the candidate has to perform two practicals, which shall be identified on a random basis by the examiner from the list of 50 practicals uploaded on the AICTE website for each programme.

**Practical Paper**

Duration:	4 hours
Maximum Marks:	100

**Exam Pattern:** Candidate will have to conduct two practicals of 50 marks each. The distribution of marks in practical exam is as follows:

- Writing process and methodology – 15 mark for each practical
- Showing results of the practical – 25 marks for each practical
- Viva Voce – 10 marks for each practical

