

**BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(MID SEMESTER EXAMINATION)**

**CLASS: BE/BARCH
BRANCH: ALL**

**SEMESTER: V
SESSION : MO/2018**

SUBJECT : PE5011 PROJECT ENGINEERING

TIME: 1.5 HOURS

FULL MARKS: 25

INSTRUCTIONS:

1. The total marks of the questions are 30.
2. Candidates may attempt for all 30 marks.
3. In those cases where the marks obtained exceed 25 marks, the excess will be ignored.
4. Before attempting the question paper, be sure that you have got the correct question paper.
5. The missing data, if any, may be assumed suitably.

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- Q1 (a) Define 'Project' stating essential features of it. [2]
(b) Explain the meaning of 'scope of a project'. Give any example. [3]
- Q2 What are the constraints of a project? Describe each. [5]
- Q3 Explain the different types of organization structures. Which type is preferred for labor intensive projects? [5]
- Q4 Explain about a typical project life cycle (PLC) in detail. [5]
- Q5 How to select a project from different alternatives? Discuss with an example. [5]
- Q6 Explain the key issues to be considered for the technical appraisal of a project. [5]

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