

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

**CLASS: BTECH  
BRANCH: PRODUCTION**

**SEMESTER: IV  
SESSION : SP/2020**

**SUBJECT: PE208 PROJECT ENGINEERING**

**TIME: 2 HOURS**

**FULL MARKS: 25**

**INSTRUCTIONS:**

1. The total marks of the questions are 25.
  2. Candidates may attempt for all 25 marks.
  3. Before attempting the question paper, be sure that you have got the correct question paper.
  4. The missing data, if any, may be assumed suitably.
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			CO	BL
Q1	(a) What are the various project deliverables? Give any two examples of intangible deliverables.	[2]	1	2
Q1	(b) Write any three main features of a project and briefly describe each.	[3]	1	3
Q2	(a) Give examples of PPP mode and backward integration projects.	[2]	1	2
Q2	(b) Differentiate among a turnkey, a greenfield and a brownfield project.	[3]	1	2
Q3	(a) What do you mean by 'scope creep'? Give an example.	[2]	2	2
Q3	(b) Describe the various phases in the life cycle of project.	[3]	2	2
Q4	(a) List the activities of a project manager. Which activity is most challenging?	[2]	2	3
Q4	(b) Why the project constraints are presented as an iron triangle? Explain.	[3]	3	4
Q5	(a) Explain the terms 'chain of control' and 'departmentalization'.	[2]	2	2
Q5	(b) Compare between matrix and departmental project structure of organization. Cite examples for the suitability.	[3]	3	3

:::::: 04/03/2020 :::::E