

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-VI (NEW) EXAMINATION – SUMMER 2023****Subject Code:3162510****Date:10-07-2023****Subject Name:Project Management****Time:10:30 AM TO 01:00 PM****Total Marks:70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Simple and non-programmable scientific calculators are allowed.

		MARKS
Q.1	(a) What do you mean by Project? Explain in brief	03
	(b) Explain attributes of Project in detail	04
	(c) Describe functions of Project manager in detail	07
Q.2	(a) Differentiate functions of Project Management vs production management	03
	(b) Describe the process of formulation of project team	04
	(c) Explain WBS in detail with case problem	07
	OR	
	(c) Explain Critical Path Method of Project Management with case problem	07
Q.3	(a) Write steps of planning of Project in brief	03
	(b) Discuss risk factors involved in project management	04
	(c) Explain Present worth method in detail for project costing and budgeting	07
	OR	
Q.3	(a) Explain multidisciplinary team approach in brief	03
	(b) What are the methods of project costing? Explain in brief	04
	(c) Explain project control steps in detail with suitable example	07
Q.4	(a) What do you mean by critical path? Explain in brief	03
	(b) Explain different types of floats with their importance	04
	(c) Explain Crashing of Project with case problem	07
	OR	
Q.4	(a) What do you mean by activity on arc and activity on node?	03
	(b) Explain the process to construct project network diagram	04
	(c) How will you implement resource balancing? Explain with case problem	07
Q.5	(a) What do you mean by project audit? Explain in brief	03
	(b) Explain different time estimates used in PERT	04
	(c) Describe Gantt chart with suitable example	07
	OR	
Q.5	(a) Define term Project termination	03
	(b) Explain methods of evaluating project	04
	(c) Explain PMCA with suitable case problem	07