

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-VI (NEW) EXAMINATION – WINTER 2023****Subject Code:3162510****Date:07-12-2023****Subject Name:Project Management****Time:02:30 PM TO 05:00 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.

- Q.1** (a) Define the following term used in project management with example. **03**
1. Forecasting 2. Team work 3. Uncertainty
- (b) Give classification of project with example. **04**
- (c) Explain different stages of project formulation in detail. **07**
- Q.2** (a) Enlist objectives of any project. **03**
- (b) Write short note : selection of project manager **04**
- (c) What are the characteristics of good project team? **07**
- OR**
- (c) Which are the skills required in project manager? **07**
- Q.3** (a) Explain Balancing Pleasure and Pain. **03**
- (b) Explain the contents of a project plan. **04**
- (c) What is requirement of good project control system? Enlist different types of control system and explain any one in detail. **07**
- OR**
- Q.3** (a) Explain planning process in project management. **03**
- (b) Explain work breakdown structure. **04**
- (c) Enlist and explain the factors to be taken under consideration while choosing the location of new project. **07**
- Q.4** (a) Explain Resource Leveling. **03**
- (b) Explain The Gantt chart with example. **04**
- (c) Explain Budget Uncertainty and risk management. **07**
- OR**
- Q.4** (a) Give differentiation of PERT and CPM. **03**
- (b) Explain any one Scheduling method with example. **04**
- (c) Enlist components of capital cost of a project and explain in detail. **07**
- Q.5** (a) Explain Project Auditing. **03**
- (b) Explain Evaluation technique of project. **04**
- (c) What qualities are required in a Project manager to make project successful? **07**
- OR**
- Q.5** (a) Write short note on computer aided project management. **03**
- (b) Explain Earned value analysis for monitoring the progress of project. **04**
- (c) Explain importance of data collection and reporting in project management. **07**
