

**GUJARAT TECHNOLOGICAL UNIVERSITY****BE - SEMESTER-VII (NEW) EXAMINATION – WINTER 2023****Subject Code:3171506****Date:04-12-2023****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.

- Q.1** (a) What are the different types of control **03**  
 (b) Discuss about budget uncertainty **04**  
 (c) Which are the Objective and Advantages of Budgeting **07**

- Q.2** (a) What is an approach of project formulations **03**  
 (b) Describe three goals of project **04**  
 (c) Explain project management and General management **07**

**OR**

- (c) Explain project termination with detail **07**  
**Q.3** (a) Explain grant chart. **03**  
 (b) What is mean by updating and scheduling of resources? explain **04**  
 (c) Illustrate with examples the essential difference between PERT and CPM **07**

**OR**

- Q.3** (a) Give an overview of planning process. **03**  
 (b) What is mean by break down structure? detail with examples. **04**  
 (c) What are the responsibilities of PM's describe in details. **07**

- Q.4** (a) What is resource loading? Explain **03**  
 (b) Which are the different problems faced in allocating the resources. **04**  
 (c) Describe with details Goldratt's critical chain **07**

**OR**

- Q.4** (a) What are the different steps involved in project auditing? **03**  
 (b) What is simulation? Explain in detail. **04**  
 (c) Explain the plan monitoring control cycle **07**

- Q.5** (a) Explain the objective of project Audit. **03**  
 (b) Explain earned value chart along with diagrams. **04**  
 (c) Which are the different ways to collect the data. Give advantages of data reporting **07**

**OR**

- Q.5** (a) Which are the Different method to improve cost Estimates. **03**  
 (b) Explain about scope creep with its main causes. **04**  
 (c) Explain mechanism of project control system with applications **07**

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