

GUJARAT TECHNOLOGICAL UNIVERSITY
MCA INTEGRATED– SEMESTER IX- EXAMINATION –WINTER-2023

Subject Code:2698604**Date: 08/12/2023****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. Use of simple calculators and non-programmable scientific calculators are permitted.

- Q.1** (a) Define Terms: **07**
 i)Project ii) EV iii) NGT iv) SWOT v) NGT vi) PERT vii) Stake Holder
- (b) Discuss steps to control “scope creep” in Project Charter. **04**
- (c) What are the disadvantages of top-down budgeting and bottom-up estimation approach? **03**
- Q.2** (a) Discuss various factors that contribute to success or failure of the project. **07**
- (b) Explain in brief Risk Identification, Risk Analysis, and Response to Risk **07**
- OR**
- (b) Justify statement: Risk Identification is done throughout the project life cycle. **07**
- Q.3** (a) i) What is Overall Scheduling and detail scheduling? **04**
 ii) Discuss various cost associated with IT Project. **03**
- (b) What is Work Break Down structure? How to develop it? Who develop it? **07** [Unit-6](#)
- OR**
- Q.3** (a) Why COCOMO Model is considered as a well-established software cost estimation model? **07** [Unit-6](#)
- (b) List and explain steps to develop Project scheduling **07** [Unit-7](#)
- Q.4** (a) Write Short Note: individual performance review, postmortem review **07**
- (b) Discuss advantages and disadvantages of direct cutover, parallel, and Phased implementation approaches. **07**
- OR**
- Q.4** (a) What is verification and validation? How verification differ from validation? When to use verification? **07**
- (b) List various stake holders for a Payroll System. Discuss Stake holder analysis. **07**
- Q.5** (a) Describe the processes associated with project closure **07**
- (b) i) Explain Deliverable Definition Table (DDT) and Deliverable Structure Chart (DSC) using suitable example. **04**
 ii) List the content of communication Plan. **03** [Unit-9](#)
- OR**
- Q.5** (a) Discuss content of Change Request form. Why it is important.. **07**
- (b) i) Explain formal and informal organization structure. **04**
 ii) What is Project audit? **03**
