

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

MCA - SEMESTER-V • EXAMINATION – WINTER • 2014

Subject Code: 2650020

Date: 20-12-2014

Subject Name: Software Project Management

Time: 10:30 am - 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.

- Q.1 (a)** Explain Different Between Traditional VS Modern Project Management Practices. **07**
- (b)** [1.] Explain How Cost-benefit Evaluation Techniques define in SPM. **04**
[2.] How Risk Evaluation works in SPM? **03**
- Q.2 (a)** Explain what are Project Planning steps in SPM? **07**
- (b)** Write short note on Project Selection Methodologies. **07**
- OR**
- (b)** What is Agile Method? What is Extreme Programming (XP)? How those both help in SPM? **07**
- Q.3 (a)** Explain How to selecting the most appropriate process model for SPM. **07**
- (b)** What is Estimation? What are the important of Estimation in SPM? **07**
- OR**
- Q.3 (a)** Write short note on Bottom-up and Top-down Estimation Techniques. **07**
- (b)** What is Point Analysis? Explain Capers Jones Estimation Rules in details. **07**
- Q.4 (a)** Explain following teams **07**
(1.) Time Dimension (2.) Forward Pass (3.) Backward Pass (4.) Critical Path
- (b)** What are the Steps to identifying Critical Activities for Activity Planning? **07**
- OR**
- Q.4 (a)** Explain following teams **07**
(1.) Cost Monitoring (2.) Prioritizing Monitoring
(3.) Software configuration Management (4.) Contract Management
- (b)** What is Resource? How to identifying Project Resource Requirements? **07**
- Q.5 (a)** Explain Steps to Selecting the Right Person for the Project in software Environment. **07**
- (b)** What is ISO 9126? How to improve software Quality in Project Management? **07**
- OR**
- Q.5 (a)** Define Software Quality? Write short note on Quality Management Systems. **07**
- (b)** What is Team? What are characteristics of Project Teams in Decision Making? **07**
