

**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**

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