

GUJARAT TECHNOLOGICAL UNIVERSITY**M.E Sem-I Regular Examination January / February 2011****Subject code: 712301N****Subject Name: Project Management****Date: 31 /01 /2011****Time: 02.30 pm – 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.

- Q.1** (a) What are characteristics of project management? Contrast these to functional and other types of non-project management. **07**
(b) Describe briefly the contents of a project master plan. **07**
- Q.2** (a) Describe roles of 4 P's in software "project management". **07**
(b) Describe basic principles that guide the software project scheduling. **07**
- OR**
- (b) Describe size oriented matrices in detail. **07**
- Q.3** (a) Describe the role of the project manager with respect to these subsystems, both internal and external. What is the nature of his or her responsibilities in these subsystems? How aware is the project manager of the project "environment" and what does he or she do that reflects this awareness? **07**
(b) In what ways is the WBS important to project managers? **07**
- OR**
- Q.3** (a) Describe the features and properties that distinguish human organization from other system. **07**
(b) What question must be answered every time a new project is planned? What are the steps in planning process that answer these questions? **07**
- Q.4** (a) What is the role of an RFP? Describe the contents of RFP. **07**
(b) Discuss in detail risk identification. **07**
- OR**
- Q.4** (a) Why is it vital to know the critical path? Explain the different ways the critical path is used in network analysis and project planning. **07**
(b) Discuss BPR model. **07**
- Q.5** (a) Discuss software reengineering process model. **07**
(b) Discuss Risk mitigation, monitoring and management. **07**
- OR**
- Q.5** (a) Discuss tracking of an object oriented project. **07**
(b) Discuss Estimation for WebApp Projects. **07**
