GUJARAT TECHNOLOGICAL UNIVERSITY M. E. - SEMESTER – I • EXAMINATION – SUMMER • 2014

Subject code: 712301N Date: 13-06-2014 **Subject Name: Project Management** 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** Define the term Project, Project Management and Project Management 07 (a) Methodology? Explain Convention Software Management? **(b)** Explain four Pøs of software project management **07** Q.207 What are all the teams involved in a project organization? Explain. (a) Describe the following concepts and explain how they fit into systems 07 (b) thinking: elements, subsystems, environment, boundary, open systems, objectives OR Explain Concurrent Engineering w.r.t. project and its definition. 07 (b) Q.3 Explain system development life cycle in detail. **07** (a) Explain Software restructuring and its objective in detail. 07 (b) OR Q.3What is a Project phase? How do you can define a project phase? Is a Project **07** (a) schedule similar to project management plan? Justify your answer. Explain about conventional work break down structure. What are the three **07** (b) fundamental flaws that suffer the conventional WBS. **Q.4** List out the contract types and define them in brief. List out the stages in 07 (a) contract placement. Explain the project metrics for appropriate software quality. **07** (b) **Q.4** Explain W5HH principle. 07 (a) Explain software scope, feasibility and estimation. (b) 07 **Q.5** What are software risks? How do we identify and manage them? 07 (a) Explain RMMM plan in detail. 07 (b) OR **Q.5** Explain BPR in detail with the help of suitable diagram if needed. 07 (a) What is the role of an RFP? Describe the contents of RFP. (b) 07
