

Seat No.: _____

Enrolment

No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VII • EXAMINATION – SUMMER • 2015

Subject code: 171603

Date: 06/05/2015

Subject Name: Software Project Management

Time: 02.30pm-05.00pm

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 the steps of developing business case? **07**
- (b) Explain Product Life Cycle development. **07**
- Q.2** (a) Explain An Information Technology Project Methodology (ITPM) and its importance. **07**
- (b) What is Project? Explain the three attributes of Project as Role, Risk Assumption and Interdependent task. **07**
- OR**
- (b) Explain two types of team-building activities of Project Human Resource Management. **07**
- Q.3** (a) Develop and apply the concept of a project's measurable organizational Value (MOV). **07**
- (b) Discuss waterfall model in Detail. **07**
- OR**
- Q.3** (a) Explain different type of Cost Estimation. **07**
- (b) Discuss RAD model in Detail. **07**
- Q.4** (a) Define and explain Qualitative and Quantitative approaches to Risk Analysis. **07**
- (b) What is Change Management? Explain its plan. **07**
- OR**
- Q.4** (a) Explain Project quality standards and metrics **07**
- (b) Explain Impact of change management. **07**
- Q.5** (a) Explain six sigma with suitable. **07**
- (b) Explain different areas of PMBOK. **07**
- OR**
- Q.5** (a) Explain W5HH principle. **07**
- (b) Explain the process of project planning in detail. **07**
