

00143

**B.TECH. COMPUTER SCIENCE AND
ENGINEERING (BTCSVI)**

Term-End Examination

December, 2012

**BICSE-009 : SOFTWARE PROJECT
MANAGEMENT (SPM)**

Time : 3 hours

Maximum Marks : 70

Note : Attempt any seven questions. Each question carry equal marks.

1. (a) What are the three project activities that are needed for WBS ? 5
- (b) Discuss about the risk management and nature of risk in detail. 5
2. (a) Describe schedule variance and cost variance prioritizing. 5
- (b) What are the levels of monitoring ? Explain in detail. 5
3. (a) What do you mean by unstructured decision making ? 5
- (b) Write the legal issues for Project Management Skills. 5

4. Why Pareto 80/20 rule should be applied to software risk analysis ? What is RMMP risk monitoring ? **10**

5. Besides the final code and the documentation, what are the intermediate outputs that should be produced for successful completion of projects ? Why it is important to deliver these to the customers ? **10**

6. Define following :
 - (a) Software quality **2.5**
 - (b) Equation for COCOMO Model **2.5**
 - (c) LOC **2.5**
 - (d) Quality of Maintenance (QM) **2.5**

7. What is software baseline and its significance ? Describe various baselines. **10**

8. What is abstraction ? Differentiate between procedural abstraction and data abstraction. **10**

9.
 - (a) Explain Risk Analysis Techniques with suitable examples. **5**
 - (b) Write down the objectives of Software Project Planning. **5**

10. Explain about COCOMO Cost estimation model. **10**