

**B.Tech. – VIEP – COMPUTER SCIENCE AND  
ENGINEERING (BTCSVI)**

**Term-End Examination**

00330

**December, 2017**

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

*Time : 3 hours*

*Maximum Marks : 70*

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**Note :** Answer any **seven** questions. All questions carry equal marks.

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1. (a) Explain Stepwise Project Planning. 5  
(b) What are the software estimation techniques? 5
2. (a) What are the activities covered by software project management? 5  
(b) Analyse project characteristics using suitable examples. 5
3. (a) Explain WBS and its major functions in detail. 5  
(b) Explain the concept of Project Scheduling. 5

4. (a) Discuss sequencing and scheduling of project activities. 5
- (b) Discuss PERT and CPM diagrams, using suitable examples. 5
5. (a) Explain Earned Value Analysis. 5
- (b) What is SPI (Schedule Performance Index)? 5
6. (a) Differentiate between Code Review and Pair Programming concepts. 5
- (b) What is Error Tracking? 5
7. (a) Explain the objectives of software testing. 5
- (b) What are the various measures of software quality? 5
8. (a) Explain Capability Maturity Model (CMM) in detail. 5
- (b) What are software quality attributes? 5
9. (a) Discuss software projects and other types of projects. 5
- (b) What is the framework for dealing with risk? 5
10. (a) Discuss change control and version control. 5
- (b) Discuss CASE tools using suitable examples. 5