Roll No ....

MSE - 201
M.E./M.Tech., II Semester
Examination, December 2015
Software Project Management

Time : Three Hours

Maximum Marks : 70

Note : Total number of questions eight. Attempt any five questions.

1. a) What is function point analysis? In the context of COCOMO model distinguish between organic Semidetached and embedded systems.   7

   b) What are software project planning objectives? Describe some of the reusable software resources.   7

2. a) Discuss the main steps that you would follow as project manager to effectively manage risks in your project.   7

   b) Explain the importance and impact of software project scheduling.   7

3. a) Distinguish between PERT and CPM.   7

   b) Write the difference between the "Known Risks" and "Predictable Risks"?   7

4. a) Explain earned valued analysis. How is it performed in software project management?   7

   b) Give a brief notes on modern process transitions.   7

5. a) Describe the characteristics exhibited by successful and unsuccessful modern project.   7

   b) Why it is necessary for a project manager to decompose the task of a project using Work Breakdown Structures (WBS)? To what granularity level are the tasks decomposed? Explain your answer.   7

6. a) What do you understand by software project management? How is it different from other types of engineering managements?   7

   b) What is software reuse? Explain the various aspects of software reuse.   7

7. a) Give a brief note on next generation software economics.   7

   b) Explain in brief Critical Chain Concepts.   7

8. Write short notes on the following (any four):   14

   a) Albrecht function Point

   b) Prioritizing Monitoring

   c) Gantt charts

   d) Control Capacity Planning

   e) CCPDS-R

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