

MSE - 201
M.E./M.Tech., II Semester
 Examination, June 2014
Software Project Management

Time : Three Hours

Maximum Marks : 70

Note : i) Attempt any five questions.

ii) All questions carry equal marks.

- b) Suppose you are the project manager of a large software development project. List three common types of risks that your project might suffer. Point out the main steps that you would follow to effectively manage risks in your project. 7
5. a) What are the different categories of software development projects according to the cocomo estimation model? Give examples of software product development projects belonging to each of these categories. 7
- b) Explain briefly: 7
- i) Risk planning
- ii) Albrecht function point analysis.
6. a) What is a baseline in the context of software configuration management? How do baseline get updated to from new baselines? 7
- b) As a project manager, identify the characteristics that you would look for in a software developer while trying to select personnel for your team. 7
7. a) Give a brief note on next generation software economics. 7
- b) Describe the various dimensions of scheduling? How dimensions are helpful in improving software economics? 7
8. Write short notes: 14
- i) CCPDS-R
- ii) Earned value analysis
- iii) PERT
- iv) Control Capacity Planning

1. a) Discuss the various activities covered by software project management. 7
- b) Describe the characteristics exhibited by successful and unsuccessful modern projects. 7
2. a) Distinguish between software product development and outsourced projects. Explain the key ways in which managing an outsourcing project differs from a product development project. 7
- b) Identify the key respects in which modern software project management practices differ from those of traditional software project management. 7
3. a) If the prototyping model is being used in a development effort, is it necessary to develop an SRS document? Justify your answer. 7
- b) Why is it 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
4. a) What are the limitations of the precedence and CPM