

Roll No

MSE - 201**M.E./M.Tech., II Semester**

Examination, July 2015

Software Project Management*Time : Three Hours**Maximum Marks : 70***Note :** i) Attempt any five questions.

ii) All questions carry equal marks.

1. a) Discuss the various activities covered by software project management? Also write down the key objectives of effective management. 7
b) Differentiate between contract management and technical project management? What problems are associated with software project management? 7
2. a) What is the aim of requirement analysis and specification phase of software development? Discuss various activities undertaken during this phase. 7
b) Explain features of COCOMO Model. Give the expression to calculate effort and development time in the basic COCOMO Model. 7
3. a) Why is it necessary for a project manager to decompose the task of a project using work breakdown structures? To what granularity level are the tasks decomposed? Explain your answer. 7
b) What are risk management activities? Explain what is the effect of risk management activity on the overall cost of project? 7
4. a) Explain briefly : 7
i) Expert Judgement
ii) Albrecht Function Point
iii) COSMIC full function Point
b) Give a brief note on risk identification and risk assessment. 7
5. a) What characteristics are required in software developer when we as a Project Manager try to select personnel for our team. 7
b) Discuss various types of plans and methods available for plan documentation. 7
6. a) Explain earned value analysis. How is it performed in software project management? 7
b) Give a brief note on next generation software economics. 7
7. a) What is software configuration management? Explain major tasks involved in SCM. 7
b) What is function point metric? How it is used to access the size and cost of a software project. 7
8. Write short notes: 14
a) CCPDS - R
b) Spiral Model
c) Control Capacity Planning
d) Recruiting and Staffing
