



Reg. No. :

Name :

**Seventh Semester B.Tech. Degree Examination, May 2014
(2008 Scheme)**

08.701 : SOFTWARE PROJECT MANAGEMENT (F)

Time : 3 Hours

Max. Marks : 100

PART – A

Answer **all** questions.

1. What are the characteristics of software ?
2. What is the need for a software process model ?
3. Explain advantages of prototyping.
4. Explain process decomposition.
5. Give the various reasons for failure of a project.
6. Explain the various metrics for software quality.
7. What are the differences between LOC and FP estimation techniques ?
8. What is risk exposure ?
9. Explain software project scheduling.
10. What is the need for software reviews ?

(10×4=40 Marks)



PART – B

Answer **one** question from **each** module.

Module – I

11. a) Explain in detail the layered technology concept of software engineering. 10
b) What is an evolutionary process model ? Explain any one of the evolutionary model. 10
12. a) Describe the waterfall life cycle model, its merits and demerits. 10
b) Who all are the major players in a software project ? Explain the role of each players. 10

Module – II

13. a) Explain Cocomo model. 10
b) Explain in detail RMMM. 10
14. a) Explain the various software resources. 10
b) What are the different types of risks in software project management ? 10

Module – III

15. a) Briefly explain the major project scheduling methods. 12
b) Explain :
1) Time line charts
2) Earned value analysis. 8
16. a) Explain the SCM process.
b) Briefly explain software quality assurance.
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