



Reg. No. : .....

Name : .....

**Seventh Semester B.Tech. Degree Examination, October 2014  
(2008 Scheme)  
08.701 : SOFTWARE PROJECT MANAGEMENT (F)**

Time : 3 Hours

Max. Marks : 100

**PART – A**

Answer **all** questions.

1. Explain the layered technology of software engineering.
2. Differentiate among project, process and product.
3. List the major stakeholders in a software project.
4. How is software scope determined ?
5. Enumerate the useful indicators in the measurement of software quality.
6. What is the use of empirical models in software project planning ? Describe the general structure of such a model.
7. What is RMMM plan ?
8. What is the significance of a time line chart ?
9. What is a baseline ?
10. What is the importance of formal technical reviews ? **(10×4=40 Marks)**

**PART – B**

Answer **one** question from **each** Module.

**Module – I**

11. a) Describe the incremental model and the evolutionary model for software development. **10**  
b) Discuss the basic concepts of project management. **10**
12. a) Describe the software development life cycle. **8**  
b) What is a software process ? Describe its framework. **12**

**Module – II**

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|--------|---|----|
| 13. a) | Describe size oriented metrics and function oriented metrics.           | 12 |
| b)     | Distinguish between process metrics and project metrics. Give examples. | 8  |
| 14. a) | Explain any two decomposition techniques used in project planning.      | 12 |
| b)     | Describe the basic concepts of risk management.                         | 8  |

**Module – III**

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|--------|--|----|
| 15. a) | What is the significance of a task set ?                   | 8  |
| b)     | Explain the major principles of project scheduling.        | 12 |
| 16. a) | Explain the software configuration management process.     | 14 |
| b)     | Describe the basic concepts of software quality assurance. | 6  |
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