

Roll No. ....

**23077**

**M. Tech. 3rd Sem. (Computer Engg.)**

**Examination – December, 2013**

**SOFTWARE PROJECT MANAGEMENT**

**Paper : MTCE-707-A (A)**

*Time : Three hours ]*

*[ Maximum Marks : 100*

*Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.*

**Note :** Attempt any *five* questions.

1. (a) What is project life cycle model ? Explain RAD model. 10
- (b) What is a process, its characteristics and misconception associated with it ? 10
2. (a) What is metric ? Explain various types of metrics. 10
- (b) What are common pitfalls in metrics ? 10
3. Why risk management is very important in a software project ? What are the steps in risk management cycle ? 20

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4. What are the various processes and activities in s/w configuration ? 20
5. (a) What are the various components of project planning & tracking ? 10  
(b) When does project closure happen. Why should we explicitly do a closure ? 10
6. What are the challenges during the requirements managements phase ? What metrics are used for the requirements phase ? 20
7. (a) What is the difference between verification and validation ? What are the various types of testing ? 10  
(b) When does a software planning activity start and end in software life cycle ? List some important activities that are performed during software project planning. 10
8. Write notes : 20  
(a) Project management in Testing Phase  
(b) Metrics for requirement phase  
(c) Configuration management during maintenance phase

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