

Roll No.

23077

**M. Tech. 3rd Semester
(Computer Engg.) Examination-
December, 2016**

SOFTWARE PROJECT MANAGEMENT

Paper : MTCE-707-A (A)

Time : 3 hours

Max. 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 the examination.

Note: Attempt any **five** questions .

1. (a) What is project life cycle model ? Explain prototyping model. (10)

- (b) What is a process, its characteristics and what constitutes a good process ? (10)

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[Turn Over

2. (a) What is the need for software metrics ?
Write any four metrics which can be helpful in measuring the risk ? (10)

(b) What are common pitfalls in metrics ? (10)

3. Explain the role of SQA in software configuration management ? What are the characteristics and profile of successful SQA ? (20)

4. What are the various processes and activities in s/w configuration ? (20)

5. Write notes on :

(a) Project tracking (10)

(b) Project closure (10)

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6. What are the challenges during the requirements management phase ? What metrics are used for the requirements phase ? (20)

7. Explain various ways of requirement gathering for software. (20)

8. Write notes on the following : (20)

(a) Project Management in Testing Phase

(b) Quality Control Activities

(c) Configuration Management during Maintenance Phase

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