

MCA (Revised)
Term-End Examination
December, 2014

07514

MCS-034 : SOFTWARE ENGINEERING

Time : 3 hours

Maximum Marks : 100

(Weightage 75%)

Note : *Question no. 1 is compulsory. Attempt any three questions from the rest.*

1. (a) With a neat diagram, explain the different levels of CMM in detail. 10
- (b) What is data dictionary ? Explain with an example. 10
- (c) What are project metrics ? Explain different types of project metrics with an example for each. 10
- (d) How are software risks identified ? 10

2. (a) Explain the issues associated with the management of web based projects. 10
- (b) What is prototyping ? Explain the problems and advantages of prototyping in detail. 10

3. (a) Explain various testing techniques. 10
- (b) What are the steps involved in software project estimation ? Explain. 10
4. (a) Write a note on management of risks. 10
- (b) Compare and contrast version control with change control. 10
5. (a) Explain organisation of web application teams. 10
- (b) How is software configuration management done in software development process ? Explain. 10
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