

11175

MCA (Revised)

Term-End Examination

December, 2012

MCS-034 : SOFTWARE ENGINEERING

Time : 3 hours

Maximum Marks : 100

(Weightage 75%)

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*Note : Question No. 1 is Compulsory.*

*Attempt any three questions from the rest.*

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1. (a) What is Prototyping? Explain its advantages and disadvantages. 10
- (b) Differentiate between functional and non - functional requirements. 5
- (c) What is data dictionary? Explain with an example. 5
- (d) What are the steps involved in the process of debugging? Explain. 10
- (e) Describe the process of SCM in detail. 10
2. (a) Write a detailed note on behavioral model. Also, give an example. 10
- (b) What is coupling? Explain me various types of coupling. 10

3. (a) Discuss white box testing with suitable example. 10
- (b) Discuss the software project estimation techniques. 10
4. (a) Explain the various levels of SEI-CMM. 10
- (b) Write down the several aspects of creating a good design. Explain each step. 10
5. (a) State and explain the requirement Engineering process. 10
- (b) Discuss about the software reengineering. 10
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