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SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
MCA II Year II Semester Regular & Supplementary Examinations May 2019
SOFTWARE ENGINEERING

Time: 3 hours

Max. Marks: 60

(Answer all Five Units 5 x 12 = 60 Marks)

UNIT-I

- 1 a** Describe the Layered Technology of software engineering. 7M
b Explain the levels in CMMI Model. 5M

OR

- 2 a** Explain Water fall model in detail. 6M
b Explain RAD Model. 6M

UNIT-II

- 3 a** Explain functional and non-functional requirements. 8M
b Describe the importance of SRS. 4M

OR

- 4 a** Explain Web App based modeling. 7M
b What is class based modeling. 5M

UNIT-III

- 5 a** Explain all the design issues. 5M
b Explain the process in user interface design. 7M

OR

- 6 a** Explain the method of class based designing 6M
b Briefly explain golden rules user interface design. 6M

UNIT-IV

- 7** Explain in detail about software testing strategies. 12M

OR

- 8** What are the black box testing methods? Explain. 12M

UNIT-V

- 9 a** Explain software quality assurance. 5M
b Explain the umbrella activities. 7M

OR

- 10 a** Explain activities in software reengineering 7M
b Describe the metrics for testing 5M

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