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SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
MCA I Year II Semester Regular Examinations November-2021
SOFTWARE ENGINEERING

Time: 3 hours

Max. Marks: 60

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

UNIT-I

- 1 a) What are the customer myths and describe each of it in detail? **L1 6M**
 b) Demonstrate Water fall model with a neat sketch. **L6 6M**

OR

- 2 Define Unified Process. Explain in detail about the aspect oriented software development. **L6 12M**

UNIT-II

- 3 Analyze the steps required to establish the groundwork for understanding of software requirements. **L4 12M**

OR

- 4 Identify the role of Web App based modeling. Explain in detail about role of Web App based modeling. **L3 12M**

UNIT-III

- 5 a) Draw Architecture Design. Explain each of the components of Architecture Design in detail. **L2 6M**
 b) Write about Architecture and specify the importance of architecture. **L3 6M**

OR

- 6 Identify the roles of Interface design, Content design and Navigation design. **L3 12M**

UNIT-IV

- 7 What are the Test strategies for conventional software and object oriented Software? **L1 12M**

OR

- 8 Analyze in detail about Equivalence partitioning, Boundary value analysis and Graph based testing methods. **L4 12M**

UNIT-V

- 9 What are Umbrella Activities? Briefly explain each of the activity in detail. **L1 12M**

OR

- 10 a) Write about various Metrics for evaluating source code. **L6 6M**
 b) Analyze various Metrics for testing and Metrics for maintenance. **L4 6M**

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