

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B.Tech III Year I Semester Regular & Supplementary Examinations February-2024
SOFTWARE ENGINEERING
(Common to CSE, CAD, CCC, CSM & CIC)

Time: 3 Hours**Max. Marks: 60**

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

UNIT-I

- 1 a What are the various myths and realities in software engineering? CO1 L1 6M
b Describe the Applications of software. CO1 L2 6M

OR

- 2 a Discuss process models and process activities in Software engineering. CO2 L2 6M
b Illustrate Unified process model. CO1 L1 6M

UNIT-II

- 3 a Explain Requirements Engineering Process. CO2 L1 6M
b Distinguish between flow-oriented and Scenario Based modeling approaches. CO2 L3 6M

OR

- 4 a Discuss the different requirements modeling approaches. CO2 L2 6M
b Demonstrate the elements of Analysis Model. CO3 L3 6M

UNIT-III

- 5 a Describe Designing within the context of Software Engineering. CO3 L2 6M
b Describe architectural styles in Software Design. CO3 L2 6M

OR

- 6 a Summarize the principles for software design. CO3 L2 6M
b Illustrate the different Fundamental design concepts in software design. CO3 L3 6M

UNIT-IV

- 7 a Describe the types of user interface design with characteristics. CO4 L3 6M
b Discuss component level design in web app design. CO4 L2 6M

OR

- 8 a Explain user interface design principles. CO4 L2 6M
b Explain the benefits and disadvantages of web application development design. CO4 L2 6M

UNIT-V

- 9 a What are the various types of testing principles? CO5 L2 6M
b Describe black box testing with the merits and demerits. CO5 L2 6M

OR

- 10 a Discuss testing strategy for object oriented architectures. CO6 L2 6M
b Describe White box testing with an example. CO6 L2 6M

***** END *****

