

III B. Tech I Semester Supplementary Examinations, May/June -2024
SOFTWARE ENGINEERING

CSE(AIML),CSE(AI),CSE(DS),CSE(AIDS),IOTCSIBCT,CSE(IOT),AIDS,AIML

Time: 3 hours

Max. Marks: 70

Answer any **FIVE** Questions **ONE** Question from **Each unit**

All Questions Carry Equal Marks

UNIT-I

1. a) Define the a Webapp. Explain about the attributes of Webapps that made them unique [7M]

b) What is prototyping model? Explain [7M]

(OR)

2. a) Explain about the four layers of Software Engineering [7M]

b) What are Software Myths? Explain the practitioner Myths and the corresponding reality in detail [7M]

UNIT-II

3. a) What is an Agile Process? Explain the principles of Agility. [7M]

b) What is Extreme Programming? Explain the Extreme Programming Process. [7M]

(OR)

4. a) Explain the Requirements Engineering Process [7M]

b) Define the developing use cases in software engineering [7M]

UNIT-III

5. a) What is Scenario Based Modeling? Explain [7M]

b) Develop a complete set of CRC model index cards for the product railway reservation system. [7M]

(OR)

6. a) What is Class based Modeling. Explain [7M]

b) What is Flow Oriented Modeling? Explain [7M]

UNIT-IV

7. a) Explain the Design Concepts Abstraction and Modularity. [7M]

b) Define Cohesion and Coupling. List out different types of Cohesion and coupling. [7M]

(OR)

8. a) Explain the Data Centered Architecture. [7M]

b) Explain about the Call and Return Architecture. [7M]

UNIT-V

9. a) Explain integration testing process with an example. [7M]

b) Illustrate the process of Testing Conventional Software. [7M]

(OR)

10. a) Explain the process of Design Evaluation. [7M]

b) Explain the differences between Black Box Testing and White Box Testing. [7M]

