ADITYA DEGREE COLLEGES

ANDHRA PRADESH

MID-I EXAMINATIONS 2025

Subject: object oriented software engineering   DATE:06.02.2025

TIME: 3 HRS   MAX MKS: 60 M

Answer Any Five from the following questions   5 x 4 =20M

1. What is software engineering? What are the different types of software?

2. What is concurrent model Explain with neat diagram?

3. What is OOP? And Explain its paradigm?

4. What is software Requirement Analysis?

5. What is object –oriented analysis and design(OOAD)?

6. What are the different Design patterns? Explain

7. What is state machine diagram and explain?

8. What is class diagram explain?

Answer All questions from the following   4 x 10 =40M

9. a) Explain any three software Development Life cycle Models?

(OR)

   b) Explain software Development process?

10. a) What is UML(unified modeling language)? Explain in detail?

(OR)

   b)Explain use case and scenarios with a neat diagram?

11. a)What is UML? Explain UML modelling techniques(class diagram, Activity

   diagram, Sequence diagram)?

(OR)

 b) What is software Requirement Analysis& specification?

12. a) What is OOP and basic concepts of OOP?

(OR)

 b) What is the overview of software engineering?