



# ADITYA DEGREE COLLEGES: AU REGION

## IV SEMESTER - MID - I - EXAMINATIONS

Date: 10-02-2025

Course: B.Sc./Animation (CS MINOR)

Max. Marks: 60

Time: 3 HOURS

**Subject: OBJECT ORIENTED SOFTWARE ENGINEERING**

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### SECTION -A

**Answer any FIVE from the following questions**

**5 x 4 = 20 M**

1. Write about object diagram. With suitable example.
2. Describe a short note on waterfall model.
3. Describe a short note on big-bang model.
4. Write about sequence diagram with suitable example.
5. Describe short notes on inheritance concepts.
6. Describe a short note on software development process.
7. Write a short note on code-and-fix model.
8. Draw a UML diagram "E- voting system" from composite diagram.

### SECTION-B

**Answer all the following questions:**

**4 X10 = 40 M**

9. a) Define software engineering and explain about SDLC stages.

(Or)

- b) Explain about use case diagram and class diagram with suitable examples.

10. a) What is requirements analysis? What are the steps involved in requirement analysis?

(Or)

- b) What is software requirement? Write about the types of software requirements?

11. a) Explain about iterative model.

(Or)

- b) Explain about V-shaped model.

12. a) Explain about state machine diagram with suitable examples.

(Or)

- b) Explain about spiral model.