



# KAKINADA SRI ADITYA DEGREE COLLEGE

(AFFILIATED TO DR.B.R.AMBEDKAR UNIVERSITY)

B.SC(CS) IV- SEMESTER,-MID-1 EXAMINATIONS FEB -2025

DATE: 11.02.2025

Time: 3 Hrs

SUBJECT: OOSE

Max Marks:50M

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## I. Answer all of the following:

**3 X 10 M= 30M**

1. a)What is Software engineering? Write OOP concepts.

Or

b) Explain software development life cycle.

2a) Explain Software Requirement Specifications(SRS).

Or

b) Write different types of design patterns.

3a) Write object oriented design principals.

Or

b) Explain object oriented programming languages (Java ,C++,Python).

## II. Answer FOUR of the following:

**4 X 5 M= 20M**

4. Write UML basics.

5. What is software development process.

6. Write Use cases and scenario.

7. What is sequent diagram.

8. What is software construction.

9. What is Object oriented analysis.