



# KAKINADA SRI ADITYA DEGREE COLLEGE

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

B.SC(CHEM & DS) IV- SEMESTER,-MID-1 EXAMINATIONS FEB -2025

DATE: 14.02.2025

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) Write object oriented design principals.

Or

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

3a) Explain Software Requirement Specifications (SRS).

Or

b) Write different types of design patterns.

## II. Answer FOUR of the following:

4 X 5 M= 20M

4. What is software development process?

5. What is sequent diagram.

6. What is software construction.

7. What is Object oriented analysis.

8. Write Use cases and scenario.

9. Write UML basics.