



GOVERNMENT COLLEGE (AUTONOMOUS), RAJAHMUNDRY

(Accredited by NAAC “A+” Grade)

DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS

II B.Sc.

Semester-IV

Object Oriented Software Engineering

MODEL QUESTION PAPER (W.E.F 2023-2024)

Time: 2 ½ Hrs.

Max Marks: 50 M

SECTION - I

Answer any FIVE questions

5 X 3= 15M

1. Explain about class and object with examples.
2. Write a short note on generalization and specialization.
3. Explain about sequence diagram with example.
4. Write a short note on state diagram.
5. Write a short note on unit testing.
6. Write a short note on Integration testing.
7. Write a short note on software version control.
8. Write a short note on Agile software development.

SECTION - II

Answer the following questions

5 X 7 = 35M

9. Explain about Object-Oriented Programming (OOP) concepts in detail.
(OR)
10. Explain various steps involved in software development life cycle with examples.
11. Explain about requirement analysis and specification.
(OR)
12. Explain about design patterns.



13. Explain about test driven development.

(OR)

14. Explain about various software testing techniques in detail.

15. Software evolution and reengineering

(OR)

16. Explain about code review and inspection.

17. Explain about concept based software engineering.

(OR)

18. Explain about aspect oriented programming.