GOVERNMENT COLLEGE (AUTONOMOUS), RAJAHMUNDRY

(Accredited by NAAC "A+" Grade)

DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS

II B.Sc.   Semester-III

Object Oriented Programming using Java

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 a short note on type conversion and type casting.

2. Write a short note on scope and lift time of a variables in Java.

3. Write a short note "this" and "super" keyword in Java.

4. Explain a short note on command online arguments in Java.

5. Explain about Array declaration and initialization with example.

6. Explain any three character handling functions.

7. Explain about recursive functions.

8. Explain about differences between structures and unions.

SECTION - II

Answer the following questions   **5 X 7 = 35M**

9. Explain about Object Oriented concepts in Java.

(OR)

10. Explain about data types and operators in Java.

11. Explain about Method overloading and method overriding in Java.

(OR)

12. Explain Inheritance and types of Inheritance with example.

13. Explain about Interfaces in Java.

(OR)

14. Explain about exception handling techniques in Java.

15. Explain about Interthread communication in Java.

(OR)

16. Explain about byte streams and character streams in Java.

17. Explain about Layout managers in Java.

(OR)

18. Explain about Keyboard event handling technique in Java with example program.