Government College (Autonomous) Rajahmundry

GOVERNMENT COLLEGE (AUTONOMOUS), RAJAHMUNDRY

(Accredited by NAAC "A+" Grade)

DEPARTMENT OF COMPUTER SCIENCE & APPLICATIONS

I B.Sc.   Semester-II

Problem Solving using C

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

Time: 2 ½ Hrs.   **Max Marks: 50**

SECTION - I

Answer any FIVE questions   **5 X 3= 15M**

1. Explain about structure of C program.

2. Write a short note on types of soft wares.

3. Write a short note on break and continue statements.

4. Explain about goto statement with example.

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 block diagram of a computer and functions of a computer.

(OR)

10. Explain about data types in C.

11. Explain about Decision making statements with examples.

(OR)

12. Explain about loop control statements in C.

13. Explain about two dimensional arrays with example program.

(OR)

14. What is a string? Explain various string handling functions available in C.

15. Explain about call by value and call by reference mechanism with example.

(OR)

16. Explain about storage classes in C.

17. Explain about Dynamic memory management in C.

(OR)

18. Explain about structures and accessing structure members in C with example program.