



ADITYA DEGREE COLLEGES

* ANDHRA PRADESH *

II – SEMESTER MID - I - EXAMINATIONS

I B.Sc., CS – PROBLEM SOLVING USING C (CS MAJOR)

Max. Marks: 60 M

Time: 2 Hours

Date: 03.03.2025.

SECTION - A

I. Answer any FIVE of the following Questions.

5 x 4 = 20 M

1. Define Algorithm? With Examples.
2. Define Software? Explain types of Software's?
3. Key words in C?
4. Define variable? Explain scope of variables?
5. Write a program to print.

1

1 2

1 2 3

1 2 3 4

1 2 3 4 5

1 2 3 4 5 6

6. Explain about switch statement?
7. Explain about Nested loops.
8. Write a C program to find biggest among given three numbers .

SECTION - B

II. Answer all the following Questions.

4 x 10 = 40 M

9. a. Explain about structured programming languages?

(OR)

- b. Explain about Block diagram of computer.

10. a. Explain about structure of C Programme.

(OR)

- b. Define operator? Explain types of operators in C?

11. a. Explain about selection statements in C?

(OR)

- b. Explain about looping statements in C?

12. a. Write a C Program to check given number is Armstrong no or not.

(OR)

- b. Write a C Program to find sum of the individuals of the given number.

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-SUBJECT NAME-

PROBLEM SOLVING USING C (CS MAJOR)