ADITYA DEGREE COLLEGES
ANDHRA PRADESH
II SEMESTER –B.Sc-MID-I EXAMINATIONS

Date: 07.03.2025

SUB : Problem solving using C(minor)

Max Marks : 60M
Time : 2 Hr

SECTION– A

I. Answer any FIVE Questions: **5 X 4 = 20 M**

1. List out characteristics and limitations of computer.

2. Define Algorithm. Explain key features of algorithm.

3. Explain rules of Variables.

4. Give differences between Algorithm and flow chart.

5. Write a short note on goto statement.

6. Write a program to find a given year is leap year or not.

7. Give differences between break and continue.

8. List out keywords in C.

SECTION– B

II. Answer all the questions: **4 X 10 = 40 M**

9. a) Explain block diagram of computer .

        Or

   b) Explain generations of programming languages.

10. a) Write about structure of C-program with an example.

        Or

   b) Write about operators in C.

11. a) Write about I / O statements in C.

        Or

   b) Write about decision making statements in C.

12. a) Write about Loop control statements in C.

        Or

   b) Write about Data types in C.