ADITYA DEGREE COLLEGES

∗ ANDHRA PRADESH ∗

PRE FINAL - EXAMINATIONS
II B.Com *IV SEMESTER*

Date: 27.03.2020

PROGRAMING IN C

Max. Marks : 75 M
Time: 3 Hours

SECTION-A

I. Answer any FIVE of the following questions: **5 x 5 = 25 M**

1. What is Algorithm ? Write some key features of an Algorithm ?

2. Explain about switch statement with an example program ?

3. What is Recursion ? Explain with an example program ?

4. Write a C - Program to find the length of a string ?

5. Differences between structure and union ?

6. Explain type conversion and type casting in "C" ?

7. Write about unconditional branching statements in "C" ?

8. Explain about enumerated data types in "C" ?

SECTION-B

II. Answer the following questions: **5 x 10 = 50 M**

9. a) What is a Program ? What is the structure of C - Program ? Explain in detail with example ?

(Or)

b) What is an Operator ? Explain various types of operators with an example ?

10. a) Explain about various types of conditional control statements ?

(Or)

b) Write a program to find the greatest number of given three numbers with a flowchart ?

11. a) What is Function ? Explain different types of functions ?

(Or)

b) Explain the storage classes in C ?

12. a) What is an Array ? Explain different types of Arrays ?

(Or)

b) Explain about various string functions available in C ?

13. a) Define a Pointer ? Explain pointers with an example ?

(Or)

b) What is Structure ? Explain with an example ?

AWDC - KKD