

END OF SEMESTER EXAMINATIONS, NOVEMBER - 2018

PROGRAMMING IN C

SUBJECT CODE: 08UACA04 / 08UAC503

MAJOR: B.C.A. / B.Sc. CS

TIME : 3 HOURS

SEMESTER : II / I

MAX. MARKS: 75

SECTION - A (5 X 2 = 10)Answer ALL the Questions:

1. Define Constant and Variable in C with example.
2. What is the use of 'break' & 'continue' statements?
3. Define Union. Give its syntax.
4. Define function prototype. Give its syntax.
5. What is the general form of declaring and opening a file?

SECTION - B (5 X 4 = 20)Answer ALL the Questions:

6. a) Explain Data types in C with example.
(OR)
b) Write a note on input and output statements in C.
7. a) Describe about storage classes.
(OR)
b) Write a C Program to find sum of even integers between 1 and n.
8. a) Give syntax and explain any four string handling function.
(OR)
b) Define Structure. Explain its syntax with example.
9. a) Explain call by value and call by reference.
(OR)
b) Write a note on array of Pointers.
10. a) Write a note on fprintf() & fscanf() functions.
(OR)
b) Describe about Dynamic memory allocations in C.

SECTION - C (3 X 15 = 45)Answer Any THREE Questions:

11. Define Operators. Explain types of Operators in C with example.
12. Explain Control Statement with syntax and example.
13. Define Array. Write a Program for Matrix Multiplication.
14. Explain Pointers with Functions. Give example.
15. Write a C program to create a file for Students information and calculate Total, Average and Grade for the Student.