S. NO.: 228   BATCH: 87- 2017   Reg. No.:

PROGRAMMING IN C
SUBJECT CODE : 08UACA04 /08UACS03

MAJOR : B.C.A / B.Sc. CS   SEMESTER   : II / I
TIME   : 3 HOURS   MAX. MARKS: 75

SECTION A – (5 X 2 = 10)

Answer All the Questions:

1. What is an expression?

2. What is library function?

3. What is use of Break statement?

4. What is conditional operator?

5. What is structure?

SECTION B – (5 X 4 = 20)

Answer All the Questions:

6. a) What is a statement? Explain the three classes of statement in C.
   [OR]
   b) Write a note on I/O functions in C.

7. a) Write a C program to check whether the given string in palindrome or not.
   [OR]
   b) Explain the storage class.

8. a) Write note on pointers and two dimensional arrays.
   [OR]
   b) What is recursion? Write a recursive program to find the factorial.

9. a) Write a C program to sort the given set of N' numbers.
   [OR]
   b) What is pointer? How pointers are declare in 'C'.

10. What is bitwise operator? Give example?
    [OR]
    b) What is the use of break statement? give an example.

SECTION C – (3 X 15 = 45)

Answer any THREE Questions:

11. Describe the four data types in C.

12. Explain the uses of various control statements in C with example.

13. Explain the DO while Loop in C.

14. How to pass an array to a function? Explain with an example.

15. List the important file handling functions in 'C'.

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