

B.C.C.A. - III (CBCS Pattern) Semester-III
UBCCAT305 - Paper-V : Programming with C

P. Pages : 2

Time : Three Hours



GUG/S/25/10630

Max. Marks : 40

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- Notes :
1. All questions are compulsory and carry equal marks.
 2. Draw neat, clean and labelled diagram wherever necessary.
 3. Avoid vague answer and write answer relevant and specific to question only.

Either:

1. a) What is Array? List the type of array. 4
- b) Write a program to find the sum of any five number using array. 4

OR

- c) What is sorting? Explain the working of Bubble sort. 4
- d) Explain various string handling functions supported by 'C'. 4

Either:

2. a) What is the library function? Classify the categories of function. 4
- b) Write a program to perform addition of two numbers using function. 4

OR

- c) Explain the concept of function with array. 4
- d) What is the need for user defined function? 4

Either:

3. a) Compare between structure and union. 4
- b) Explain with suitable example how to initialize structure. 4

OR

- c) What is enumeration? Explain with suitable example the need for it. 4
- d) Explain the concept of union with a suitable example. 4

Either:

4. a) Explain the concept of a pointer with function. 4
- b) Explain the various operation that can be performed on a file. 4

OR

- c) Explain various file opening modes supported by 'C'. 4
- d) Write a program to sort an array. 4
5. Solve all the question-
- a) Explain following string handling function 2
- i) Strcat() ii) Strcmp()
- b) Define Function Call. 2
- c) Explain in short nested structures. 2
- d) What is call by value and call by reference? 2
