

B.C.C.A.- II (CBCS Pattern) Sem-III
UBCCAT305 Paper-V : Programming With C

P. Pages : 1

Time : Three Hours



GUG/W/22/10630

Max. Marks : 40

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

Either:

1. a) What is Array in C? Explain types of Array. 4
b) What is searching? Explain linear search with example. 4

OR

- c) What is searching? Explain binary search with example. 4
d) Write a program for Merging of two arrays. 4

Either:

2. a) What is Function? Explain Library function. 4
b) Explain user defined function in detail. 4

OR

- c) Write a program to find Multiplication of two numbers using user defined functions. 4
d) Explain:- 4
i) Function Prototype ii) Function call

Either:

3. a) Write difference between structure and union. 4
b) What is structure? Explain with example. 4

OR

- c) Write a short note on Arrays of structure. 4
d) Explain in detail the concept of Union. 4

Either:

4. a) Explain the following 4
i) Call by value ii) Call by Reference
b) Explain the concept of pointer in detail. 4

OR

- c) Explain the concept of file. What are the various operation performed on file. 4
d) Write a program that demonstrate the use of file Modes. 4

5. Solve all the questions.
- a) Explain in detail Bubble sort. 2
 - b) Explain advantages of function. 2
 - c) Explain Nested structures with example. 2
 - d) What do you know about file Handling functions? 2
