UBCCAT305 - Paper-V - Programming With C

P. Pages : 2

Time : Three Hours

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 answer relevant and specific to questions 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 need of array? Explain with suitable example. **4**

d) Write and explain any four string library function in 'C'. **4**

Either:

2. a) Explain different category of user defined functions. **4**

b) Write a program to find addition of two numbers using user defined functions. **4**

OR

c) Write a program in 'C' to find factorial of Number using user defined function. **4**

d) What do you mean by function call? Explain with example. **4**

Either:

3. a) What is structure? Specify it's need. **4**

b) Differentiate between structure and union. **4**

OR

c) Write a note on Arrays of structure and Nested structure. **4**

d) Explain in detail the concept of union. **4**

Either:

4. a) Write a program in 'C' to find area of a circle using pointer.   **4**

   b) List various file handling function in 'C' with an example.   **4**

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OR

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   c) Explain the pointer operator?   **4**

   d) Differentiate between call by value and call by reference.   **4**

5. Solve all the questions.

   a) Explain in detail Bubble sort.   **2**

   b) Explain the advantages of user defined function.   **2**

   c) Explain the concept of Enum in 'C'.   **2**

   d) What is pointer?   **2**

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