243 - Paper-III : Structured Programming in C

P. Pages : 1 ||||||||||||||| **GUG/S/19/841**

Time : Three Hours   * 0 6 4 5 *   Max. Marks : 80

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Notes : 1. All questions are compulsory and carry equal marks..
2. Draw neat and labelled diagram and use supporting data wherever necessary.
3. Avoid vague answer and write specific answer related to question.

1.   a)   Explain Input and output statement in C with example.   **8**

     b)   Explain in details Data type in C.   **8**

OR

     c)   What is constants and variables? Explain with example.   **8**

     d)   Explain Relational and logical operators with explain.   **8**

2.   a)   Explain storage class in details.   **8**

     b)   Write difference between do-while while loop with example.   **8**

OR

     c)   Write a program to calculated the simple and compound interest form the rate of Interest.   **8**

     d)   Explain for loop with example.   **8**

3.   a)   What is Arrays? Explain types of Arrays.   **8**

     b)   What is searching? Explain linear search with example.   **8**

OR

     c)   Write a program for selection sort.   **8**

     d)   Explain different string manipulation function with example.   **8**

4.   a)   What is Union? Explain with example.   **8**

     b)   What is structure? Explain with example.   **8**

OR

     c)   Write a program to enter mark of 3 subject of 3 student and also find the total marks of each student using structure with array.   **8**

     d)   Explain the size of( ) and enum with example.   **8**

5.   Solve all the question.

     a)   Explain Bitwise operator.   **4**

     b)   Explain break statement with example.   **4**

     c)   Explain two dimension array with example.   **4**

     d)   What is Nested Structures?

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