# UBITT301 - Paper-I - Advance C

P. Pages : 2

Time : Three Hours

*1069*

GUG/S/25/10927

Max. Marks : 40

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

**Either :**

1. a) What are functions. Explain the various types of functions. **4**

   b) Write a program in C to demonstrate function with array. **4**

**OR**

   c) What are storage class? Explain any two storage class. **4**

   d) Write a program to accept the list containing 10 numbers and pass it to function to print it. **4**

**Either :**

2. a) What are structure? Explain how to accessed structure member and how can a structure member by process. **4**

   b) Explain the concept of union with a suitable example. **4**

**OR**

   c) Write a difference between structure and union. **4**

   d) Write a program to enter the marks of 5 subjects and 3 students and also find the total marks of each students using structure with array. **4**

**Either :**

3. a) Explain the importance of a pointer using suitable example. **4**

   b) Write a short note on pointer to pointer using example. **4**

**OR**

   c) Write a program to interchange the value of two variable using pointer. **4**

   d) Write a difference between call by value and call by references. **4**

**Either :**

4. a) Define stream pointer? Explain the relationship between a stream pointer and a buffer area. **4**

b) Explain various error handling operations. **4**

<div align="center">**OR**</div>

c) Explain the following using example. **4**

   i) Fopen( )

   ii) Fseck( )

d) Write a program to create file name library data which store the information about books via accession no, title of book, Author, price of book. **4**

**5.** Solve all the questions.

   a) Define recursion. Explain the concept using suitable example. **2**

   b) Explain the concept of enumeration in brief. **2**

   c) Write a short note on address & indirection operator using example. **2**

   d) What are command – line – argument explain in brief. **2**

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