

B.C.A. - II (CBCS Pattern) Sem-III
UBCAT301 - Paper-I : Advanced C

P. Pages : 1

Time : Three Hours



GUG/W/22/11757

Max. Marks : 40

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

1. Either:

- a) Write a description on Arrays and Function and explain with the help of example. **4**
- b) Describe in detail the Storage classes in C. **4**

OR

- c) What do you mean by Function prototype? Explain it with the help of example. **4**
- d) What is the String Library functions? Explain the any four of them by giving an example. **4**

2. Either:

- a) Write a program to demonstrate the structure of student. **4**
- b) What is Union? Write the difference between Structure and Union. **4**

OR

- c) Explain how to initialize Structure element by giving suitable example. **4**
- d) What do you mean by Arrays of Structure? Explain with the help of example. **4**

3. Either:

- a) What are the pointer operators? Explain them. **4**
- b) Write a program to demonstrate the pointer and structure. **4**

OR

- c) Write a program to demonstrate the function with call by reference. **4**
- d) What do you mean by pointer? Explain in detail. **4**

4. Either:

- a) What do you mean by File Handling in C? Explain. **4**
- b) How to handle Errors during File I/O? Explain the functions. **4**

OR

- c) What are the Input and Output file handling functions? Explain any four functions. **4**
- d) Write a note on Random access to file. **4**

5. Attempt all the questions.

- a) Write a short note on Function Call. **2**
- b) What do you mean by Enumeration? Explain. **2**
- c) Explain how to declare the pointer variable. **2**
- d) Write a note on Command line argument. **2**
