

B.C.A. - II (CBCS Pattern) Semester-III
UBCAT301 - Paper-I : Advance C

P. Pages : 2

Time : Three Hours



GUG/W/24/11757

Max. Marks : 40

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

Either:

1. a) What is user defined functions? Explain the need for user defined functions with example. 4
- b) Explain any four string library function with example. 4

OR

- c) Write a program to find addition of two numbers using user defined function. 4
- d) Write a note on storage classes. 4

Either:

2. a) Define structure explain the process of initialization of structure. 4
- b) Write program of passing individual elements of structure to function. 4

OR

- c) Explain the concept of nesting of structure. 4
- d) Explain the concept of arrays of structure. 4

Either:

3. a) Write a program to find area of circle using pointer. 4
- b) Explain the concept of pointer to structure using example. 4

OR

- c) Write a note on- 4
 - i) Call by value
 - ii) Call by reference
- d) Define pointer explain pointer operator. 4

Either:

- | | | | |
|-----------|----|--|----------|
| 4. | a) | Differentiate between Binary and Text Mode. | 4 |
| | b) | Explain any four Input/output file handling functions. | 4 |

OR

- | | | | |
|-----------|----|--|----------|
| | c) | Describe the process of error handling during I/O operations. | 4 |
| | d) | Write a program to read and display the contents of data file “Student dat”. | 4 |
| 5. | | Solve all the questions. | |
| | a) | Enlist the advantages of functions. | 2 |
| | b) | Write a short note on Union. | 2 |
| | c) | Describe the process of pointer initialization. | 2 |
| | d) | Explain command line argument with example. | 2 |
