

B. C. A. - I (CBCS) Sem II
UBCAT203 - Paper-III : Fundamental of C

P. Pages : 2

Time : Three Hours



GUG/S/18/20055

Max. Marks : 80

- 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 answers and write specific answer related to question.

- 1.** Either
- a) Explain C language as middle level language in detail. **8**
 - b) What is the need of operator? Explain conditional operator with suitable example. **8**

OR

- c) Explain C character set in detail. **8**
- d) Explain Basic structure of C program in detail with suitable example. **8**

- 2.** Either
- a) Explain in detail. **8**
 - i) getch () ii) getche ()
 - iii) putch () iv) puts ()
 - b) Explain switch statement in detail with suitable example. **8**

OR

- c) Explain following formatted function. **8**
 - i) scanf () ii) printf ()
- d) Explain the concept of Nested if statement with suitable example. **8**

- 3.** Either
- a) Explain for loop in detail with suitable example. **8**
 - b) Write a program to check entered no is a palindrome or not. **8**

OR

- c) Explain do --- while statement in detail with suitable example. **8**
- d) Explain the following. **8**
 - i) goto statement. ii) exit statement.

- 4.** Either
- a) What is array? Explain the need of array in detail. **8**
 - b) Explain the concept of bubble sort in detail. **8**

OR

- c) What is two dimensional array? Explain its declaration & initialisation. **8**
- d) Explain the concept of bounce checking in array. **8**

5. Solve all the questions.

- a) List all the keywords present in C. **4**
- b) Explain Backslash character in detail. **4**
- c) Explain continue statement in detail. **4**
- d) Explain one dimensional array in detail. **4**
