

B.Sc.- I (NEP) Semester-II
BSCCS601 Core - Computer Science - Programming in C

P. Pages : 2

Time : Two Hours



GUG/S/25/16766

Max. Marks : 40

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

Either :

1. a) List and explain various data types used in C. 4
- b) Explain various Relational operators with example. 4

OR

- c) Write note on: 4
 - a) Identifiers
 - b) Constant
- d) List the rules for naming the variable. 4

Either :

2. a) Explain any two unformatted output statements with example. 4
- b) Explain scanf statement with suitable example. 4

OR

- c) Write note on 4
 - a) str(mpi())
 - b) strlen()
- d) Write a program to find out area of rectangle. 4

Either :

3. a) Explain else if ladder with suitable example. 4
- b) Write a program to check whether the given number is divisible by 3 or not. 4

OR

- c) Explain the concept of Nested if statement. 4
- d) Write a program to check whether the given number is odd or even. 4

Either :

4. a) Differentiate between while and do while loop with suitable example. 4
- b) Write a program to display the square of numbers from 1 to 10 using for loop. 4

OR

- c) Write a program to print even numbers from 1 to 10. 4
- d) Write a note on: 4
- i) exit()
- ii) Continue
5. Attempt all the questions. 2
- a) Explain any two logical operators with example.
- b) Explain strcat function with example. 2
- c) Explain break statement with example. 2
- d) Write a short note on comma operator. 2
