Reg. No. ☐☐☐☐☐☐☐☐

I Semester (NEP) B.C.A. Degree Examination, April/May - 2022
PROGRAMMING IN C
(Regular)

Time : 2 Hours   **Maximum Marks : 60**

Instructions to Candidates:

Answer the question as per the instructions given.

1. Answer any **Six** Questions of the following.   (6×2=12)

    a)   Mention the data types used in C.

    b)   Define getchar ( ) and putchar ( ).

    c)   Write the syntax of switch statement.

    d)   Define Looping.

    e)   What are arrays?

    f)   How strings are defined in C ?

    g)   Name different types of functions.

    h) . Define structure

2. Answer any **Three** Questions of the following.   (3×4=12)

    a)   Explain different types of constants.

    b)   Explain basic structure of c program..

    c)   What are keywords and tokens ? Mention them.

    d)   Differentiate between formatted and unformatted 1/0 statements.

3. Answer any **Three** Questions of the following.   (3×4=12)

    a)   What is branching ? Explain varieties of if statements.

    b)   Write a program to find largest of three numbers.

    c)   Explain logical & Relational operaters.

    d)   Differentiate break and continue statement with an example.

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4. Answer any **three** questions of the following. (3×4=12)

   a) What is string. h ? mention any four string functions.

   b) Write a program to find length of string without using built in function.

   c) Explain one dimension and two dimention arrays.

   d) Write a program to add two matrices.

5. Answer any **three** questions of the following. (3×4=12)

   a) Explain with syntax declaration of functions.

   b) Explain recursive functions.

   c) Write a program to find the given number in prime using function.

   b) Write a program using structure to store the record of n students.

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