B.A./B.Com./B.Sc./B.B.A./B.S.W. I Semester (NEP) Degree Examination, March/April - 2022
COMPUTER SCIENCE
C - Programming Concepts (OE)

Time : 3 Hours   Maximum Marks : 60

SECTION - A

I.   Answer **all** the questions. Each question carries **1** mark.   **10x1=10**

1.   (a)   Who is the father of Computer ?

(b)   What is Software ?

(c)   Who developed C-language ?

(d)   Define Variable.

(e)   Write symbol for logical AND operator.

(f)   Write syntax for if ... else statement.

(g)   What is String ?

(h)   What is the use of array ?

(i)   Define user defined functions.

(j)   Write any two components of user defined function.

SECTION - B

II.   Answer **any four** questions. Each question carries **five** marks.   **4x5=20**

2.   Write characteristics of a computer.

3.   What is Constant ? Mention types of Constants.

4.   Write structure of a C-program.

5.   Mention different relational operators with example.

6.   What is one dimensional array ? Write syntax to declare one dimensional array with example.

7.   Write advantages of user defined functions.

SECTION - C

III. Answer **any three** questions. Each question carries **10** marks.   **3x10=30**

8. What is language translator ? Explain different types of language translators.

9. Explain features of C-language.

10. With a suitable example explain any five string functions available in C-language.

11. Explain different types of looping statements.

12. Explain any two types of user defined functions.

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