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Kamala College, Kolhapur
(Autonomous)
B.C.A. (Part-I) (Semester-I)
Examination November, 2023.
NEP - 2020 Level – 5.0
Introduction to Programming Using C – I
Subject Code: DSC 102

Day and Date: Thursday, 02/11/2023   **Total Marks: 40**

Time: 08.00 a.m. to 10.00 a.m.

Instructions:

1. Question 1 is compulsory.
2. Attempt any four questions from Que. No 2 to Que. 7
3. Figures to the right indicate total marks for the question.

Q. 1 Multiple choice Questions.   [8]

1) The C-preprocessors are specified with _____ symbol.
   a) #   b) $ c) " "   d) &

2) Which function is used to concatenate two strings in C?

   a) concat()   b) cat()   c) stringcat()   d) strcat()

3) Which is correct with respect to the size of the data types?
   a) char > int > float   b) int > char > float
   c) char < int < double   d) double > char > int

4) Which of the following will copy the null-terminated string that is in array

   src into array dest?

   a) dest = src;   b) dest == src;

   c) strcpy(dest, src);   d) strcpy(src, dest);

5) C language is a ___.

   a) Procedural oriented programming language

b) General purpose programming language

c) Structured programming

d) All of the above

6) Which of the following are valid decision-making statements in C?

a) If   b) switch   c) nested if   d) All of these

7) Which statement is required to execute a block of code when the condition is

false?

a) For   b) if   c) else   d) All of these

8) When all cases are unmatched which case is matched in a switch statement?

a) Default case   b) First case   c) No case   d) None of these

Q 2) Explain in brief Array with Example ?   [8]

Q 3) What is flowchart? Flowchart to accept a number and given no is odd and

even number.   [8]

Q 4) Explain Iteration Statements (Looping Statements)   with

example in C language.   [8]

Q 5) Explain in brief String Functions in C language .   [8]

Q 6) Explain in brief if statement, if – else statement, nested if statement with

example.   [8]

Q 7) Write short notes on. (Any Two out of Three)   [8]

1) Datatypes in C
2) Algorithm in C
3) Operators in C

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