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Total No of Pages: 02

**Kamala College, Kolhapur**  
**(Autonomous)**  
**B.C.A. (Part-I) (Semester-I)**  
**Examination March/April, 2024.**  
**NEP - 2020 Level – 4.5**  
**Introduction to Programming Using C – I**  
**Subject Code : DSC 102**



**Day and Date: Saturday, 06/04/2024**

**Total Marks: 40**

**Time: 12.00 p.m. to 2.00 p.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) Which of the following is not a valid C variable name?
  - a) int number;
  - b) float rate;
  - c) int variable\_count;
  - d) int \$main;
  
- 2) Which function is used to concatenate two strings in C?
  - a) concat()
  - b) cat()
  - c) stringcat()
  - d) strcat()
  
- 3) All keywords in C are in \_\_\_\_\_
  - a) LowerCase letters
  - b) UpperCase letters
  - c) CamelCase letters
  - d) None of the mentioned
  
- 4) What is #include <stdio.h>?
  - a) Preprocessor directive
  - b) Inclusion directive
  - c) File inclusion directive
  - d) None of the mentioned
  
- 5) What is the result of logical or relational expression in C?
  - a) True or False
  - b) 0 or 1
  - c) 0 if an expression is false and any positive number if an expression is true
  - d) None of the mentioned

6) Which of the following are not valid decision-making statements in C?

- a) If-else      b) switch      c) nested if      d) break

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 matched 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 One Dimensional Array with Example ? [8]

Q 3) Write a C program to enter any no check given number is even or odd . [8]

Q 4) Explain looping Statement(while loop, for loop) with example in c programming language. [8]

Q 5) Explain in brief Datatypes 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) Operators in C
- 2) Algorithm in C
- 3) Switch case statement



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