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SUBJECT CODE NO:- B-2178
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. F.Y (Sem.-II) Examination OCT/NOV 2019
Computer Science Paper-V CS05
Programming in C

[Time: 1:30 Hours]   **[Max. Marks:50]**

Please check whether you have got the right question paper.
N.B i) Attempt all questions.

Q.1 a) Explain arithmetic and relational operators with example.   10
     b) Explain about basic data types in C language with example.   10
                                   (OR)
     a) Explain the structure of 'C' program in detail   10
     b) Explain the use of 'Break' Statement? Write a program in C to check whether a number is prime 10
         or
         Not using break statement.

Q.2 a) Explain about actual arguments and formal arguments in funcations.what is the difference   10
         between these arguments ? Explain the rules to call a function in a main function.
     b) Give the difference between 'While loop' and 'do while loop' with example.   10
                                   (OR)
         Write short notes on (Any Four)   20
     a) Features of 'C'
     b) Precedence of operators.
     c) C keywords
     d) Nested if statement
     e) Switch statement
     f) Mathematical functions

Q.3 1) The size of signed integer is _____bytes   10
         A. 4
         B. 8
         C. 2
         D. 10
     2) A function to be called must be ended with a_____
         A. .
         B. ?
         C. ;
         D. None of the above

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3) The _____statement helps immediate exit form any part of the loop.
   A. Break
   B. Continue
   C. Exit
   D. All of the above

4) Which among the following is odd one out?
   A. Printf
   B. Fprintf
   C. Put char
   D. Scanf

5) All keyword in C are in_____
   A. Lower case letters
   B. Upper case letters
   C. Camel case letters
   D. None of the above

6) Which of the following is not a valid C variable name?
   A. int number;
   B. float number;
   C. int variable-count;
   D. int $main;

7) Size of the array need not be specified, when_____
   A. Initialization is part of definition
   B. It is declaration
   C. It is formal parameter
   D. All of the these

8) C programming language by itself provides_____
   A. Input facility
   B. Output facility
   C. Both input and output facility
   D. No input and output facility

9) X-=y+1; means
   A. x=x-y+1
   B. x=-x-y-1
   C. x=-x+y+1
   D. x=x-y-1

10) Printf ("%c",100);
    A. Prints 100
    B. Prints ASCII equivalent of 100
    C. Prints garbage value
    D. None of the above