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SUBJECT CODE NO:- B- 2104
FACULTY OF SCIENCE & TECHNOLOGY
B.Sc. F.Y (Sem-II)
Examination November/December- 2022
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 Attempt all questions.

- Q.1 a) What is c token? Explain different types of c token with example. 10
- b) Write a program in c to calculate factorial value of given n numbers with using function. 10
- OR
- c) Define library function. Explain following library functions with example. 10
- i) Sqrt () ii) strcmp () iii) strcpy () iv) cos ()
- d) Write a program in c to demonstrate two dimensional array 10
- Q.2 a) Explain formatted input and output function of c language with example. 10
- b) Write a program in c language to print Fibonacci series up to N given number. 10
- OR
- 20

Write short notes on (any four)

- 1) Switch _____ case statement
- 2) Escape sequence characters.
- 3) Actual and formal parameters.
- 4) Variable naming rules.
- 5) Date types.
- 6) goto statement

Q.3 Multiple choice questions.

10

1. _____ used scan f format codes to read a floating point value.
 - a) % c
 - b) % d
 - c) % f
 - d) None
2. The c programming language created by _____ in 1978.
 - a) Bill Gates
 - b) Dennis Ritchie
 - c) Steve Jobs
 - d) None
3. In an assignment statement x=y; which of the following statement is true?
 - a) The variable x & y are same
 - b) The value of y is assigned to variable x
 - c) The value of x is assigned to variable y
 - d) None of the above
4. The _____ operator is true only when both the operands are true.
 - a) | |
 - b) R&
 - c) ==
 - d) ??
5. The _____ statement is used to skip a part of the statement in a loop.
 - a) Continue
 - b) Break
 - c) Skip
 - d) None
6. Identify Errors, if any, in each of the following statement.
 - a) Float total [5]= {0.0, 15, 2, 10, 9.0};
 - b) Char name []= {'I', 'o', 'h', 'n', '10'};
 - c) int number [3]= {10, 20, 30, 40};
 - d) int number[2]= {10, 20};
7. A variable declared inside a function is called _____.
 - a) Local variable
 - b) Global variable
 - c) Public variable
 - d) None
8. _____ is not a fundamental data type.
 - a) int
 - b) char
 - c) float
 - d) pointer
9. An array elements are stored in _____ memory location.
 - a) Random
 - b) Sequential
 - c) Both a & b
 - d) None

10. Every program statement in a c program must be end with a _____

- a) /
- b) ;
- c) :
- d) None