

Model Question Paper

Functions-Part I

12th Standard

Computer Science

Reg.No. :

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I. Answer all the questions.

II. Use blue pen only.

III. Question number 18 is compulsory.

Time : 01:00:00 Hrs

Total Marks : 35

10 x 1 = 10

Part-A

- 1) How many types of scopes are in C++?
(a) 3 (b) 4 (c) 2 (d) 5
- 2) Which are the building blocks of C++ programs?
(a) Instructions (b) Variables (c) Keywords (d) Functions
- 3) Which are the executable segments in a program?
(a) Data types (b) Statements (c) Functions (d) Keywords
- 4) The functions that return no value are declared as
(a) public (b) private (c) protected (d) void
- 5) Which of the following is the starting point for the execution of a program?
(a) void (b) main () (c) cout / cin (d) #include <iostream.h>
- 6) In call by value method, the flow of data is always from the _____ statement to the function definition.
(a) Return (b) Go to (c) Call (d) Function
- 7) Functions are also the _____ segments in a program.
(a) Non readable (b) Executable (c) Readable (d) Non executable
- 8) The advantages of functions are
(a) Called anywhere (b) Called any time (c) Can be repeated (d) All the above
- 9) Which reduces the size of the program?
(a) Variables (b) Keywords (c) Instructions (d) Functions
- 10) Which induce the reusability of the code?
(a) Variables (b) Functions (c) Keywords (d) Instructions

Part-B

5 x 2 = 10

- 11) Write the rules for using actual parameters.
- 12) What are the advantages of Functions?
- 13) What is the main purpose of using function prototype?
- 14) What is an inline function? or Write a note on inline function?
- 15) What are functions?

Part-C

3 x 5 = 15

- 16) Write a program to print X! / F! using function?
- 17) Write a C++ program to find the maximum number among two numbers? (Given 20, 30)
- 18) a) What are the significance of local variable?

(OR)

- b) Identify errors in the function prototypes.
(a) float average (a , b) ;
(b) float prd (int a , b) ;
(c) int default - arg (int a = 2 , int b) ;
(d) int fun (int ; int, double = 3.14) ;
(e) void string (char []) ;
