SM – 723

II Semester B.Voc. Examination, May/June 2018
(F + R) (CBCS) (2016-2017 and Onwards)
Information Technology
204 – OBJECT ORIENTED PROGRAMMING CONCEPTS

Time : 3 Hours

Max. Marks : 70

Note : *Answer all Sections.*

SECTION – A

Answer **any ten** of the following :

(10×2=20)

1. Differentiate object and class.

2. What is dynamic binding ?

3. Where the scope resolution (: :) operator is used ? Give example.

4. What do you mean by I/O manipulators ?

5. What is the default return type of a function ? What are the other return types ?

6. What do you mean by built in function ? Give examples.

7. What is multilevel inheritance ? Give example.

8. What are the advantages of operator overloading ?

9. What are the differences between function templates and class templates ?

10. What is an abstract class give example.

11. What is an exception ?

12. Explain how to detect the end of a file.

P.T.O.

SECTION - B

Answer **any five** questions :   (5×10=50)

13. Explain the various OOPs concepts with examples.   10

14. a) Explain the usage of scope resolution operator with example.   (5+5)
    b) What are the different data type in C++ give examples.

15. a) Write a program to find the maximum of two numbers using function.   (7+3)
    b) Explain inline function with example.

16. a) Explain how to pass default argument to function give example.   (5+5)
    b) Explain how to pass const argument to function, give example.

17. a) Example how to use default constructor with example.   (5+5)
    b) Explain how to use copy constructor with example.

18. a) Explain the different types of file pointers with example.   (7+3)
    b) What is run time polymorphism ? Explain.

19. a) Explain how member function can be overloaded give example.   (7+3)
    b) What is pure virtual function ? Give example.

20. Write program to create student report using inheretence technique.   10

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