

PD-592
Master of Science (I.T.) First Semester
Examination Dec-2020
Subject: Object Oriented Programming with C++

Note- All questions are compulsory

Section-1

Q.No.1. Answer the following (short):

(1*10=10 Marks)

- I. What is early binding?
- II. What is built in data type?
- III. Write difference between object based and object oriented programming concept.
- IV. Who developed the C++ language and where?
- V. What is data abstraction?
- VI. How many types of control structure are available in C++ language?
- VII. What is Actual Argument?
- VIII. What is encapsulation?
- IX. What is insertion operator?
- X. What is friend class?

Section-2

Q.No.2. Answer the following:

(2*5=10 Marks)

- I. What is inline function? When we should use?
- II. Write a simple program to print "Exam-2020" on console screen.
- III. Which of the following are valid constants: A) 078 B)13.25 C)10,000 D)10E-2
- IV. How we can create pointer in C++?
- V. How we can call object member in C++?

Section-3

Q.No.3. Answer the following:

(12*5=60 Marks)

- I. Write a simple program to demonstrate the use of hybrid and multiple inheritances.
- II. What is operator overloading? Write a program to overload arithmetic operator using friend function.
- III. What is file? Write a program to demonstrate the use of file management function put(), get().
- IV. What is decision control statement? Explain the working of any three statements with example.
- V. What is structure? How we can pass structure variable as argument in function? Write a simple program to demonstrate its use.