Course Code: 1005201200   Course Name: Object Oriented Programming through

Branch: CSE & IT   Max. Marks: 30   Time: 90 min.   Date :07.07.2022

Question Paper Consists of **Part – A** and **Part – B**

Answer all questions

Part – A

Q.NO		QUESTIONS	CO	MARKS
1.	a.	Discuss any two characteristics of constructor.	2	2M
	b.	Analyze how data hiding is achieved in C++.	1	2M
	c.	List out the operators that cannot be overloaded in C++	2	2M

PTO

Part – B

Q.NO		QUESTIONS	CO	MARKS
2.	A.	Distinguish between object oriented programming and conventional programming.	CO1	5M
	b.	Develop a C++ program to find the area of different shapes like triangle, square, circle using function overloading.	CO1	5M
3.	A.	Explain copy constructor with suitable example.	CO2	5M
	b.	Explain parameterized constructor with suitable example.	CO2	5M
4.	a.	Implement a C++ program to overload addition operator to add two complex numbers using friend function.	CO3	4M