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Total No. of Printed Pages: [01]

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PGDCA (Semester – 2ND)
OBJECT ORIENTED PROGRAMMING USING C++
Subject Code: PGCAS1202
Paper ID: [19240106]

Time: 03 Hours

Maximum Marks: 60

Instruction for candidates:

1. Section A is compulsory. It consists of 10 parts of two marks each.
2. Section B consist of 5 questions of 5 marks each. The student has to attempt any 4 questions out of it.
3. Section C consist of 3 questions of 10 marks each. The student has to attempt any 2 questions.

Section – A

(2 marks each)

- Q1. Attempt the following:
- a) What is the Procedure in OOP?
 - b) What is Object Oriented Paradigm?
 - c) What is Identifier?
 - d) What is Pointers?
 - e) What is constructor and Destructors?
 - f) What is Virtual Function?
 - g) What is Data Hiding
 - h) Give two Difference Between Function Overloading and Operator Overloading?
 - i) What is Keyword? Define
 - j) Difference between 2D Array and 3D Array? Give suitable example.

Section – B

(5 marks each)

- Q2. What are the features of Object oriented programming.
- Q3. What is arithmetic, Logical and relational Operator? Explain
- Q4. Write down a C++ program to implement function overloading.
- Q5. What is the need of inheritance? Define
- Q6. Differentiate between do while and while loops on the basis of syntax.

Section – C

(10 marks each)

- Q7. Explain with suitable example, syntax of for loop in C++.
- Q8. What is difference between constructor and destructor? Explain with example
- Q9. Write a C++ program that displays first 10 odd numbers. With algorithm.