Day: Friday   Time: 10.00 AM TO 01.00 PM
Date: 31/05/2019   Max. Marks: 60
S-2019-2543

N.B.:
   1)   All questions are **COMPULSORY**.
   2)   Figures to the right indicate **FULL** marks.
   3)   Draw neat diagrams **WHEREVER** necessary.
   4)   Assume suitable data if necessary.

Q.1   List and Explain Fundamental Concepts of Object Oriented Programming.   **(10)**

OR

Q.1   Compare and Contrast Run time and Compile time Polymorphism.   **(10)**

Q.2   Write in detail the Derived and User Defined Data Types.   **(10)**

OR

Q.2   What is the use of scope resolution operator in OOP? Explain with   **(10)**
Example.

Q.3   Write a Program in C++ to perform Addition and Subtraction of Complex   **(10)**
Numbers using Operator Overloading.

OR

Q.3   Explain in detail use of Function Prototyping and Call by reference.   **(10)**

Q.4   Discuss about multiple and multilevel inheritance with suitable example.   **(10)**

OR

Q.4   What is Constructor? Can there be more than one constructors for a class?   **(10)**
Justify.

Q.5   What do you mean by Late Binding? Explain it with example.   **(10)**

OR

Q.5   Explain different types of Constructor with example.   **(10)**

Q.6   List and Explain Formatted I/O Operations used in C++ for File Handling   **(10)**

OR
Q.6   Write a detail note on Working with Files in C++.   **(10)**

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