

B.Tech. sem-II com'/I.T.

B.Tech. SEM -II Computer/ Info. Tech. 2014 Course (CBCS) :
SUMMER - 2019

SUBJECT: OBJECT ORIENTED PROGRAMMING

Day: Friday
Date: 31/05/2019

Time: 10.00 AM TO 01.00 PM
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 Example. (10)

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

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? Justify. (10)

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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