

Code- 4733

B.Sc. (I.T.) Semester -3 Examination

Paper No.: 304

Subject: Object Oriented Programming With C++

NOV - 2014

Duration: 150 Minutes.

Total Marks: 70

- Q-1 Answer the following questions:** 14
- A Give the basic characteristics of POP and OOP.
- B What do you mean by operator? Explain various operator used in C++.
- OR
- Q-1 Answer the following questions:** 14
- A Write note on data type use in C++.
- B Explain benefits and applications of OOP.
- Q-2 Answer the following questions:** 14
- A Explain basic concept of OOP.
- B Explain class and object in detail.
- OR
- Q-2 Answer the following questions:** 14
- A Explain friend function in detail.
- B What do you mean by constructor? Explain in detail.
- Q-3 Answer the following questions:** 14
- A What do you mean by operator overloading? Explain concept of binary operator overloading.
- B Write rules for operator overloading.
- OR
- Q-3 Answer the following questions:** 14
- A What do you mean by type conversion? Explain method of type conversion from basic data type to class data type.
- B Write a C++ program to overload + (PLUS) to combine two string.
- Q-4 Answer the following questions:** 14
- A What do you mean by inheritance? Explain multiple inheritance in detail.
- B Explain public, private and protected visibility mode.
- OR
- Q-4 Answer the following questions:** 14
- A Explain how constructor function will work in case of inheritance.
- B Write note on nesting of class.
- Q-5 Answer the following questions:** 14
- A Explain file stream class structure.
- B Explain various mode of opening file.
- OR
- Q-5 Answer the following questions:** 14
- A Write note on command line argument.
- B Explain in detail exception handling.