

October - 2015

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

Paper No.: 304

Code: 4733

Subject: Object Oriented Programming With C++.

Duration: 150 Minutes.

Total Marks: 70

- Q-1: (a) Explain the difference between OOP and POP. [07]
Q-1: (b) Explain Input and Output statement with example in C++. [07]
OR
Q-1: (a) Describe the benefits of the OOP. [07]
Q-1: (b) Describe the structure of C++ programming. [07]
- Q-2: (a) Explain Friend function with example in C++. [07]
Q-2: (b) Define class and object in C++ with example. [07]
OR
Q-2: (a) Explain Inline function with example in C++. [07]
Q-2: (b) What is constructor and destructor? What is the use of it in C++? [07]
- Q-3: (a) Explain the concept of Operator Overloading. [07]
Q-3: (b) Explain Overloading of = operator to copy one string to another string variable. [07]
OR
Q-3: (a) Write the rules of operator overloading in C++. [07]
Q-3: (b) Explain unary operators with example. [07]
- Q-4: (a) Explain different types of Inheritances. [07]
Q-4: (b) Explain virtual base class with example. [07]
OR
Q-4: (a) What is abstract class? Explain with suitable example. [07]
Q-4: (b) Explain use of *this pointer with example. [07]
- Q-5: (a) Explain file streams in C++. [07]
Q-5: (b) Describe different file modes in C++. [07]
OR
Q-5: (a) Explain error handling in file management. [07]
Q-5: (b) Explain Random Access in file updating with proper example. [07]