

OCT-2017

S. Y. B. C. A.

Object oriented programming with C++ (203)

Subject Code: 8433

Duration: 3 Hours

Total Marks: 100

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- Q-1 Answer the following questions 20
(A) Define POP, OOP. Give Different between POP and OOP.
(B) Write a detail note on Data Type.
- OR**
- Q-1 Answer the following questions 20
(A) Write a detail note on basic concept of OOP.
(B) Write a detail note on Token in C++
- Q-2 Answer the following questions 20
(A) Define Class and Object. Explain with example, also explain array of object.
(B) Explain C++ Function with example.
- OR**
- Q-2 Answer the following questions 20
(A) What is overloading? Explain Function Overloading with example.
(B) Define constructor. Explain all type of constructor with example.
- Q-3 Answer the following questions 20
(A) What is operator overloading? Explain unary and binary operator overloading with example
(B) Define type conversion. Explain different categories of type conversion with example.
- OR**
- Q-3 Answer the following questions 20
(A) Explain binary operator overloading using friend function.
(B) Write a Program to overloading arithmetic operator like +, -
- Q-4 Answer the following questions 20
(A) What is inheritance? Explain all type of inheritance with example.
(B) What polymorphism? Explain all type of polymorphism with example.
- OR**
- Q-4 Answer the following questions 20
(A) What is Pointer? Explain Pointer in c++ with example.
(B) What is virtual function? Give Rules for Virtual function, Explain with example.
- Q-5 Answer the following questions 20
(A) Explain File stream class hierarchy in detail.
(B) Explain any 5 file handling function with example.
- OR**
- Q-5 Answer the following questions 20
(A) Explain any 5 graphics built in function with example.
(B) Explain Sequential and random file with example.