

USCST06 - Computer Science Paper-II : Object Oriented Programming With C++

P. Pages : 1

Time : Three Hours



GUG/W/22/11603

Max. Marks : 50

Notes : 1. All questions are compulsory and carry equal marks.

- Either
1. a) What is token and its type. Explain any one type. 5
b) Explain if-else statement with suitable example. 5
- OR**
- c) Write a program in C++ to calculate average of any five numbers. 5
d) What is array? Explain how array is declared? 5
- Either
2. a) List out characteristics of object oriented programming. 5
b) Explain in detail inline member functions. 5
- OR**
- c) Differentiate procedure oriented and object oriented programming language. 5
d) How to pass and return object from functions. Explain with example. 5
- Either
3. a) What is copy constructor? Explain it. 5
b) What do you mean by constant object? 5
- OR**
- c) Explain unary operator overloading. 5
d) Explain types of inheritance with suitable example. 5
- Either
4. a) Explain in detail virtual function. 5
b) Explain file opening function in short. 5
- OR**
- c) Explain file pointing functions. 5
d) Write a program for reading class objects. 5
5. Solve all the questions.
- a) What are data types in C++ 2½
b) Write applications of C++. 2½
c) Define destructor. 2½
d) Write note on input stream and output stream. 2½
