

2015*Time : 3 hours**Full Marks : 100**Pass Marks : 40*

Candidates are required to give their answers in their own words as far as practicable.

The questions are of equal value.

Answer any five questions.

1. Differentiate between Procedural Programming and Object Oriented Programming. Explain.
2. Describe Dynamic binding with example.
3. Explain the features of OOP languages.
4. Illustrate, with example, the process of defining a Class, Object and Member functions in C++.
5. Explain the types of variables and constant available in C++. Give their method of initialization.

TB – 2/2

(Turn over)

6. Define the terms Constructor and Destructor.
7. Explain Inheritance and Overloading with example.
8. Write short notes on the following :
 - (a) Polymorphism
 - (b) Exception Handling
9. Write a program in C++ to sort a list of 10 names in ascending order.
10. Write a program in C++ to calculate simple interest for $P = 500$, $R = 15\%$ and $T = 7$ years.



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2017

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Answer any five questions.

1. Describe the features of Procedural Programming and Object Oriented Programming.
2. Describe Dynamic binding with example.
3. Describe the features of C++ which make it an OOP languages.
4. What is the process of defining a Class, Object and Member functions in C++ ?

GC - 7/1

(Turn over)

5. Explain types of variables and constant available in C++ with their method of initialization.
6. Explain Constructor Class and Destructor Class.
7. Describe Inheritance and Overloading with example.
8. Write short notes on the following :
 - (a) Template
 - (b) Exception Handling
9. Write a program in C++ to sort a list of 10 names in descending order.
10. Write a program C++ to calculate compound interest and simple interest for the given user Input values for P, R and T.

