Seat Number

2.1
Object Oriented Programming Using C++
(June 2014) (1201)

P. Pages : 1

Time : Three Hours

Max. Marks : 60

Instructions to Candidates :
1. Do not write anything on question paper except Seat No.
2. Graph or diagram should be drawn with the black ink pen being used for writing paper or black HB pencil.
3. Students should note, no supplement will be provided.
4. Attempt **any five** questions.
5. All question carry equal marks.

1. a) Define class. Explain it's syntax and give example.   6
    b) What is stack? Explain operations on stack.   6

2. a) Write note on exception handling in C++.   6
    b) Explain Pure Virtual function with example.   6

3. a) What is OOPS? Give features of OOPS.   6
    b) Define tree and Graphs? Explain with application.   6

4. a) Write a difference between class and structure.   6
    b) What is constructor? Explain with example.   6

5. a) Explain public, private and protected access specifiers.   6
    b) What is template? Explain function template.   6

6. a) Define inheritance, List it's type and explain multiple inheritance with example.   6
    b) Write a programme in C++ to count odd and even numbers from an array.   6

7. a) What is queue? What are application of queue? Explain.   6
    b) Explain friend function with example.   6

8. a) What is operator overloading? Explain binary operator overloading with example.   6
    b) Explain File Stream classes.   6

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