Code: 9F00202

MCA II Semester Supplementary Examinations, March 2013
OBJECT ORIENTED PROGRAMMING

Time: 3 hours   Max Marks: 60

Answer any FIVE questions

All questions carry equal marks

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1   (a)   Give brief description about the properties of object oriented programming.
    (b)   What is a class? Explain it with a suitable example.

2   (a)   Write a C++ program to find the sum of individual digits of a given number.
    (b)   Distinguish between do and do.. while loop.

3   (a)   Explain the use of static classes and members in object oriented programming.
    (b)   Define a destructor. Explain them in detail.

4   (a)   Differentiate between method overloading and method overriding.
    (b)   Write short notes on preprocessor directives.

5   Discuss in detail about the different types of inheritance supported by the object
          oriented programming.

6   (a)   How can we achieve the runtime polymorphism using C++? Explain.
    (b)   Give brief description about the abstract classes.

7   (a)   Describe in detail about the various formatted I/O functions.
    (b)   Explain the stream I/O in detail.

8   (a)   What are the advantages of using the exception handling? Explain them in detail.
    (b)   Give brief description about the rethrowing of an exception.

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