Code :9F00202

MCA II Semester Supplementary Examinations, January 2011
OBJECT ORIENTED PROGRAMMING
(For students admitted in 2009-2010 only)

Time: 3 hours **Max Marks: 60**
Answer any FIVE questions
All questions carry equal marks
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1. (a) Explain about different paradigms for problem solving.

   (b) Differentiate OOP and procedure oriented programming.

2. With an example program explain the following:

   (a) do

   (b) break

   (c) continue

   (d) goto

3. Explain the following with an example

   (a) inline functions

   (b) call by value Vs call by reference

   (c) default arguments

4. (a) Write C++ program to illustrate function over loading and overriding.

   (b) Write the advantages of templates.

5. Explain in detail about different forms of inheritance and it's usage.

6. Write short notes on:

   (a) Run time polymorphism

   (b) Abstract class

   (c) Pure virtual functions

   (d) Static members of a class

7. Give detailed account on hierarchy of strean classes in C++.

8. (a) What are the benefits of having exception handling mechanism.

   (b) Write an example program to catch multiple exceptions.

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