

No. of Printed Pages : 2

SET - 2

MCA (Revised)

Term-End Practical Examination

00844

June, 2011

**MCSL-054 : LABORATORY COURSE IN ADVANCED  
INTERNET TECHNOLOGIES AND COMPUTER GRAPHICS  
AND MULTIMEDIA**

*Time allowed : 2 hours*

*Maximum Marks : 50*

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**Note :** *There are two parts (Advanced Internet Technologies and Computer Graphics and Multimedia) in this paper. Each part is of 1 hour duration. Attempt only that part(s) in which you are not successful as yet.*

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**PART-1**

**Advanced Internet Technologies**

**Note :** *Answer the following question. It carries 20 marks and the viva-voce is for 5 marks.*

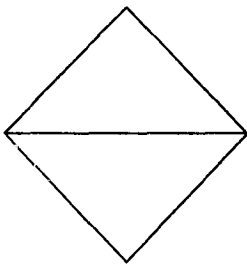
1. Write a program using JSP that enables any student to fill the examination form. Make 20 necessary assumptions.

**PART-2**

**Computer Graphics and Multimedia**

**Note :** *Answer the following question. It carries 20 marks and the viva-voce is for 5 marks.*

1. Write a program in C/C++ using Open GL that draws the following figure. 20



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