

MCA (Revised)

Term-End Practical Examination

01824

December, 2011

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

Time allowed : 2 hours

Maximum Marks : 50

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.

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 view his / her Latest Grade Card. Make necessary assumptions. **20**

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

