

MCA (Revised)
Term-End Practical Examination
June, 2013

01447

**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 in JSP that enables any person to apply for admission to MCA of IGNOU. The program should check the eligibility of the person to enrol to MCA before enabling him / her to fill the admission form. 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


