MASTER OF COMPUTER APPLICATIONS (Revised)

(MCA)

Term-End Practical Examination

□□493

June, 2015

MCSL-054(P)/S4 : LABORATORY COURSE IN ADVANCED INTERNET TECHNOLOGIES AND COMPUTER GRAPHICS & MULTIMEDIA

Time : 2 Hours   *Maximum Marks : 50*

Note :   *There are **two** parts in this paper. Each part is of **1 hour** duration. Attempt only that part(s) in which you are **not yet successful**.*

PART I

Advanced Internet Technologies

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

1. Write a JSP program to create a web page to display the result of a Quiz Competition. This page takes control number from the candidates as input, then displays his/her result. Make necessary assumptions, if any.   *20*

Computer Graphics and Multimedia

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

2. Write a program in C/C++ using OpenGL that draws the following figure : 20