

00468

MASTER OF COMPUTER APPLICATIONS (Revised)
(MCA)

Term-End Practical Examination
December, 2016

**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 IGNOU MCA fifth semester TEE. This program should take enrolment number as input and display the result of all theory and practical courses. Make necessary assumptions required.

20

PART II

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


