

**MASTER OF COMPUTER APPLICATIONS (MCA)
(Revised)**

Term-End Examination 02706

June, 2016

**MCSL-054 - Set - 1 : LABORATORY COURSE IN ADVANCED
INTERNET TECHNOLOGIES AND COMPUTER GRAPHICS
AND 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. To appear in MCSL-054 term end practical exam, a student need to have minimum 70% attendance in practical counselling. Write a program using JSP to check whether a student is eligible for MCSL-054 term end practical exam or not. Make assumptions wherever 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. Implement Scan-Line Polygon Fill Algorithm in C/C++ using OpenGL. **20**