

MASTER OF COMPUTER APPLICATIONS (Revised)
(MCA)

Term-End Practical Examination

December, 2017

00413

**MCSL-054(P)/S1 : 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 using JDBC which takes MCA fifth semester students' roll numbers as input and displays their name, address and email_id. Make necessary assumptions.

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


