

MASTER OF COMPUTER APPLICATIONS (Revised)

(MCA)

Term-End Practical Examination

December, 2017

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**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 program using JSP and JDBC which manages a savings bank account and provides the facility to :
 - (a) See Account balance
 - (b) Deposit money in the Account

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


