# MCA (Revised)

## Term-End Practical Examination

01253

## December, 2010

### MCSL-054 : LABORATORY COURSE IN ADVANCED INTERNET TECHNOLOGIES & COMPUTER GRAPHICS AND MULTIMEDIA

*Time allowed : 2 hours*　　　　　　　　　　　　　*Maximum Marks : 50*

*Note :*　*There are two parts (Advanced Internet Technologies and Computer Graphics and Multimedia) in this paper. Each part is of 1 hour duration. Attempt only that part(s) in which you are **not successful** as yet.*

## PART - 1

### Advanced Internet Technologies

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

1.　Write a program using JSP that accepts a programme code such as MCA etc. as input **20** and lists the names and addresses of all study centers where that programme is offered. Make necessary assumptions.

# PART - 2

## Computer Graphics and Multimedia

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

2.  Write a program in C / C++ using open GL to implement Cohen - Sutherland line    **20**
    clipping algorithm. Make necessary assumptions.

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