

MCA (Revised)
Term-End Practical Examination

December, 2012

08755

**MCSL-054 : LABORATORY COURSE IN ADVANCED
INTERNET TECHNOLOGIES AND 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 in JSP that enables any student to change his/her medium of instruction. Make necessary assumptions. **20**

PART - 2

COMPUTER GRAPHICS AND MULTIMEDIA

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

1. Write a Program in C/C++ using open GL that draws the following figure : 20



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PART-1

ADVANCED INTERNET TECHNOLOGIES

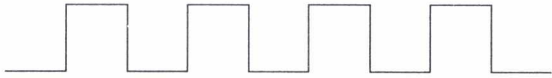
Note : *Answer the following question. It carries 20 marks and the viva-voce is for 5 marks.*

1. Write a Program in JSP that enables any student to submit his/her assignment. Make 20 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.

1. Write a Program in C/C++ using Open GL that draws the following figure. 20



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02795

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PART-1

ADVANCED INTERNET TECHNOLOGIES

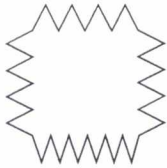
Note : *Answer the following question. It carries 20 marks and the viva-voce is for 5 marks.*

1. Write a Program in JSP that enables any student to apply for change of his/her examination center make necessary assumptions. 20

PART-2
COMPUTER GRAPHICS AND MULTIMEDIA

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

1. Write a program in C/C++ using Open GL that draws the following figure. **20**



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01255

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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 in JSP that generates the Grade Card of a student after accepting his/her enrollment number as input. 20

PART-2
COMPUTER GRAPHICS AND MULTIMEDIA

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

1. Write a program in C/C++ using Open GL that draws the following figure. 20