

**MCA-761**

**MCA-11**

**M.C.A. DEGREE EXAMINATION –  
JUNE 2010.**

Second Year

**COMPUTER GRAPHICS**

Time : 3 hours

Maximum marks : 75

**SECTION A — (5 × 5 = 25 marks)**

Answer any FIVE questions.

1. Explain Raster scan displays.
2. Write notes on touch panels.
3. What is mean by scaling? Explain briefly.
4. Write a detailed note on reflection transformation.
5. Explain about frame buffer.
6. Explain briefly about Antialiasing.
7. Explain about window to view port coordinate transformation.

SECTION B — (5 × 10 = 50 marks)

Answer any FIVE questions.

8. Explain about Bresenham's line drawing algorithm.
9. Explain mid point ellipse algorithm.
10. Write in detail about color CRT monitors.
11. Explain in detail about polygon clipping.
12. Explain about cohen-sutherland line clipping algorithm.
13. What is perspective projection? Explain with example.
14. Explain about Graphical input function.

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