

Total No. of Pages:

| |
|---|
| 1 |
|---|

5396

Register Number:

Name of the Candidate:

B.Sc. DEGREE EXAMINATION December 2014

(COMPUTER SCIENCE)

(THIRD YEAR)

320/340. COMPUTER GRAPHICS

(Common to B.sc IT and DD)

Time: Three hours

Maximum: 100 marks

SECTION – A

(8× 5 = 40)

Answer any EIGHT questions

1. Write a note on raster scan display.
2. Write about mid point line algorithm.
3. Describe about text clipping.
4. Explain briefly about scan converting lines.
5. Describe parallel and perspective projection.
6. Explain briefly about 3Ddisplay methods.
7. Write a short note on RGB color model.
8. Explain about surface modelling.
9. Describe how to design windows in graphic system.
10. Explain about GUI.

SECTION – B

(3× 20 = 60)

Answer any THREE questions

11. Explain about Bresenham's line drawing algorithm.
12. Discuss about Cohen –Sutherland line clipping algorithm in detail.
13. Explain the 3D transformation and matrix representation with an example.
14. Discuss about ray tracing methods.
15. Explain the user interface styles procedure in detail.
