

Roll No.

Total No. of Pages : 02

Total No. of Questions : 07

B.Sc. (Computer Science) (Sem.-6)

COMPUTER GRAPHICS

Subject Code : BCS-606

M.Code : 72786

Date of Examination : 18-07-22

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains SIX questions carrying TEN marks each and a student has to attempt any FOUR questions.

SECTION-A

1. Write short notes on :

- a) RGB
- b) Data Glove
- c) Scaling
- d) CRT-monitor
- e) Random Scan
- f) Printer vs. Plotter
- g) Reflection
- h) Intensity
- i) Clipping
- j) Projection

SECTION-B

2. What are various Input devices? Explain any 5 input devices.
3. Explain Midpoint circle algorithm with the help of example.
4. Discuss the architecture of Raster and Random scan monitors.
5. Describe the various line clipping algorithms.
6. Write a note on 3-D viewing, Transformation and Clipping.
7. Explain in detail about parallel and perspective projections.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.