

END OF SEMESTER EXAMINATIONS, APRIL / MAY -2018  
SKILL BASED PAPER: COMPUTER GRAPHICS  
SUBJECT CODE: 11UECS01/11UECA01/11UEIT01

MAJOR: B.Sc., (CS/IT) / BCA  
TIME : 3 HOURS

19

SEMESTER : VI  
MAX.MARKS : 75

**SECTION - A ( 5 X 2 = 10)**

**Answer ALL questions:**

1. What is persistence?
2. Distinguish between window port & view port.
3. Define Clipping.
4. What do you mean by projection?
5. Briefly Explain about color model.

**SECTION - B ( 5 X 4 = 20)**

**Answer ALL questions:**

6. a) Explain in detail about the DDA scan conversion algorithm.

(OR)

- b) Discuss about raster CRT.

7. a) Explain-reflection and shear.

(OR)

- b) Explain about clipping operations.

8. a) Explain general three dimensional rotations.

(OR)

- b) State notes on Curved Surface.

9. a) Explain Depth Buffer Method.

(OR)

- b) Explain Depth Sorting Method.

10. a) Write short notes on RGB Color Model.

(OR)

- b) What do you mean by shading? – Explain.

**SECTION - C ( 3 X 15 = 45)**

**Answer any THREE questions:**

11. Explain Ellipse generating Algorithm.
12. Explain the Text Clipping Algorithm.
13. Give detailed notes on Polygon Surface.
14. Explain Black face detection method.
15. Discuss about HSV colour model.

\*\*\*\*\*