

**D.K.M. COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE-1****SEMESTER EXAMINATIONS****NOVEMBER - 2016****CCS5D / CCA5D****ELECTIVE : COMPUTER GRAPHICS****Time : 3 Hours****Max. Marks : 75****SECTION – A (10 x 2 = 20)****Answer ALL the questions.**

1. What is meant by Overlapping?
2. What is meant by Pixel?
3. What are the different Lines Attributes?
4. What are the various Colour Styles available?
5. What are the basic 2 - D Transformation?
6. What is called as Composite Transformation?
7. What are the different types of Interactive Picture Construction Methods?
8. Define a Window.
9. What are the various methods of 3D Concepts?
10. What are the types of Parallel Projection?

**SECTION – B (5 x 5 = 25)****Answer any FIVE of the following questions.**

11. Write notes on Applications of Graphics.
12. Write notes on Graphics Software.
13. Write notes on character attributes in Computer Graphics.
14. Write a short note on Rotation.
15. Explain briefly about Basic Transformation.
16. Write short notes on Text Clipping.
17. Write a short note on Sutherland - Hodgeman Polygon Clipping Algorithm.
18. Explain about the Hardware Implementation of 3D viewing operation.

**SECTION – C (3 x 10 = 30)****Answer ALL the questions.**

19. (a) Explain Line Drawing Algorithms.  
(Or)  
(b) Explain Area Filling Algorithm.
20. (a) Explain about 2 - D Composite Transformation.  
(Or)  
(b) Explain Interactive Picture Construction Methods.
21. (a) Explain Three Dimensional display methods.  
(Or)  
(b) Explain 3 - D Parallel Projection.