

(2)

- (f) Explain Bezier Curve.
- (g) What is Adobe Photoshop ?
- (h) How does red eye tool works ?
- (i) Define Coreldraw.
- (j) Explain dipart in CorelDraw.

Section - B

Answer any **one** part from each questions : 15×5

- 2. (a) Explain any one line drawing algorithm with suitable example.
- (b) Explain flood fill algorithm with the help of example.
- 3. (a) Explain the following :
 - (i) Basic 2D geometric transformations
 - (ii) Homogeneous co-ordinates
- (b) Explain the various polygon clipping algorithm.
- 4. (a) What is Parallel Projection ? Differentiate parallel projection from perspective projection.
- (b) Explain all 3D geometric transformations with suitable examples.
- 5. (a) What are the basic tools available in Photoshop ? Explain in detail.

(3)

- (b) Explain the following in Photoshop :
 - (i) Working with multiple images
 - (ii) Creating straight and curved paths
- 6. (a) Explain drawing and editing curves in CorelDraw. Also explain drop shadows.
- (b) Explain the following in CorelDraw :
 - (i) Templates
 - (ii) Creating a Master layer
 - (iii) Power clip feature