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121

		(2)		
	(b) Explain the Cohen-Sutherland algorithm for line-		clipping	
		with appropriate example.	10	
4.	Write and explain the Sutherland-Hodgeman algorithm for			
	polygon clipping. 20			
		Unit-III		
5.	(a)	Explain following two-dimensional geometric		
		transformations with the help of suitable examples:		
		(i) Transformation		
		(īi) Rotation		
		(iii) Scaling.	15	
	(b)	Write a short note on viewing pipeline w.r.t.		
		Three-dimensional viewing.	5	
6.	(a)	Explain the concept of parallel projections	in three-	
	*	dimensional viewing. Also find the transformation matrix		
	for providing any parallel projection onto the x, y pla			
			. 10	
	(b)	Explain the procedure of solid area scan conve	rsion with	
		the help of siutable example.	10	

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## Unit-IV

- (a) What is Spline representation? Explain parametric and geometric counting conditions w.r.t. Spline representations.
  - (b) Write and explain the procedure for creating a Beizer
    Curve. Also explain properties of Beizer curve.
- (a) Write and explain the depth-buffer algorithm for detecting visible surface.
  - (b) What is GKS? Write and explain its various components in detail.