IMS ENGINEERING COLLEGE	IMSEC/QF/48	
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	Issue No. : 2	
Tutorials/Assignments/Quizes	Issue Date: 1 May 2010	
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Assignment 4

- Q1. Write Sutherland-Hodgeman polygon clipping algorithm. Explain the modification given by Weiler and Atherton for concave polygon.
- Q2. Explain the parallel version of line algorithm by two methods.
- Q3. Apply the Liang Barsky algorithm to clip the line segment from A(3, 7) to B(8,10) against the regular rectangular window P(1, 2), Q(9, 2), R(9, 8), and S(1, 8).
- Q4. What do you understand by the term concatenation of transformation? If A and B are two different transformations, illustrate with suitable example that $A.B \neq B.A$.

	Q1	Q2	Q3	Q4
СО	2,3	1,2	2,3	2,3
РО	1,2,12	1,2,3,12	1,2,12	1,2,12
PSO	1,4	1,4	1,4	1,4