

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 2

Q1. Discuss the following transformation with a relevant example:

a. Composite transformation

b. Reflection and Shearing

Q2. Reflect the triangle whose vertices are A(-1, 0), B(0, -2), and C(1,0) about the line $y = x + 2$.

Q3. Reflect the diamond shaped polygon whose vertices are A(-1, 0), B(0, -2), C(0,1), and D(0, 2) about the

a. horizontal line $y - 2 = 0$

b. line $x - y + 2 = 0$

Q4. Draw a circle with radius 12 and center (-2,3) by using mid point circle generation algorithm.

	Q1	Q2	Q3	Q4
CO	2,3	2,3	2,3	1,2
PO	1,2,12	1,2,12	1,2,12	1,2,12
PSO	1,2,4	1,2,4	1,2,4	1,2,4