Math 201	Quiz # 1(c)	Time: 20 minutes		Date: 10-10-2017
Name	ID #	Sr #	Sec.	Marks:- $/6$

Q1 Find the slope of the curve C: $x^3 + 2t^2 = 9$, $2y^3 - 3t^2 = 4$ $\quad at\ t = 2$.

Q2. Sketch the polar curve $r = -2\sin\theta$. Is the curve symmetric about axes?

Math 201	Quiz # 1(d)	Time: 20 minutes			Date: 10-10-2017
Name	ID #		Sr #	Sec.	Marks:- $/6$

Q 1. Find the area enclosed by the y-axis and the curve C: $x = t - t^2, \ y = 1 + e^{-t}$.

Q2. Replace the polar equation: $r \sin\left(\theta + \frac{\pi}{6}\right) = 1$, by an equivalent Cartesian equation and sketch it.