

Do not write your name on the assignment. Write your name only on the back of this sheet of paper and staple your answers on the front of this sheet of paper. Your assignment will be typed, except graphs can be drawn by hand and mathematical equations can be done by hand. Failure to follow these directions will cost you 1 point on the assignment and failure to type it will cost you 10 points.

1) (30 points) Copy the table into your answer sheet and fill it in. Show all work and/or give a brief explanation of how you got the entries.

P	Q	TR	AR	MR
8	0			
7	2			
	4	20		
	6			3
		28	4	

2) (10 points) If the total cost function is $TC = 3Q^4 - Q^3 + 5Q^2 + 3Q - 100$, then what are the MC and ATC functions? Show all work.

3) (20 points) What is meant by *TQM*? Explain why it is important that the CEO must strongly and visibly support the program?

4) (20 points) What is meant by *Learning Organization*? Why is it important the firm have a shared vision for it to work?

5) (10 points) What is wrong with Figure 3-1 on page 90?