

**Submit in the next Mon. class period, on April 9th and extra copy should be saved for any unexpected case of missing paper (Either in typed version or scanned handwritten copy would work.)**

**1. Mankiw Ch15. Question10. a,b,c (page 326)**

**2. The Monopolist's profit-maximization**

**Use the accompanying total revenue schedule of Emerald, Inc., a monopoly producer of 10-carat emeralds, to calculate the answers to parts a–d. Then answer part e.**

Quantity	Total revenue	a (P)	b (MR)	c	d
0	\$0	N/A	N/A	N/A	N/A
1	\$100				
2	186				
3	252				
4	280				
5	250				

- The demand schedule (i.e., the relationship b/w P & Q and  $P = TR/Q$ )
- The marginal revenue schedule
- The quantity effect component of marginal revenue per output level
- The price effect component of marginal revenue per output level
- What additional information is needed to determine Emerald, Inc.'s profit-maximizing output?

**3. Mankiw Ch15. Question 11 (page 326-327)**