Exam				
Name				
Tunic				
MULTIPLE CHOICE. Choose the	he one alternative that be	est completes the stateme	ent or answers the question	n.
1) A firm's cost of produc				1)
	rporate taxes it must pay			
	sed to produce its output.			
· · · · · · · · · · · · · · · · · · ·	naterial used in production	n.		
D) the productivity	of its workers.			
2) If a producer is not abl	le to expand its plant capa	acity immediately, it is		2)
A) bankrupt.	1 1 1	B) losing money.		, <u> </u>
C) operating in the	long run.	D) operating in the	e short run.	
				0)
3) Which of the following		1.0		3)
	a security worker to guard	a the gate to the factory a	round the clock	
B) costs of raw mate C) wages to hire ass				
D) payments to an e				
D) payments to an e	nectric utility			
4) Which of the following	g is an implicit cost of pro	duction?		4)
A) interest paid on a				
	ave been earned on a buil		the firm	
	id to water, electricity, an			
D) wages paid to lal	oor plus the cost of carrying	ng benefits for workers		
5) If four workers can pro	oduce 18 chairs a dav and	five can produce 20 chair	rs a day, the marginal	5)
product of the fifth wo	•	F	<i>y</i> , <i>y y y y y y y y y y</i>	
A) 4 chairs.	B) 38 chairs.	C) 3 chairs.	D) 2 chairs.	
6) Vagurt Extrama gurrar	ntly hires 7 workers. Whe	n it added on 9th worker	its output actually fall	6)
Which of the following	•	ii ii added aii oui worker,	its output actually len.	6)
A) The total produc	-			
	duct of the eighth worker	is negative.		
	er is not as skilled as the s	C		
	oduct of the eighth worke			
F) TT 1				5 \
7) The law of diminishing		blo input to a sisser and	unt of a fixed intill	7)
	nt, adding more of a variable		ini or a fixed input Will	
cause the margin	al product of the variable	input to decline.		

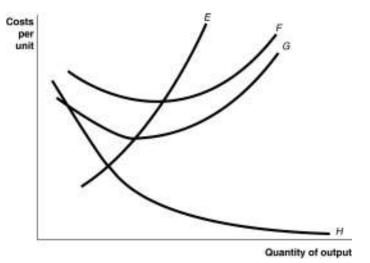
- B) that at some point, adding more of a fixed input to a given amount of variable inputs will cause the marginal product of the variable input to decline.
- C) average total costs of production initially fall and after some point starts to rise at a decreasing rate as output increases.
- D) that in the presence of a fixed factor, at some point average product of labor starts to fall as more and more variable inputs are added.

8) The la	nw of diminishing ma	arginal returns			8)
	-	between average total c	ost and average variable	e cost to get smaller as	,
	output increases.				
B)	explains why the ave	erage total cost and marg	ginal cost curves are U-s	haped in the short run.	
	_	erage total cost, average	fixed cost and the margi	nal cost curves are	
	U-shaped in the sho				
D)	causes average total	costs to rise at a decreasi	ing rate as output increa	ses.	
able 11-1					
Number of	Mushrooms per]			
Workers	Day (pounds)				
1	12				
2	30				
3	45				
4	50				
5	54				
6	56				
0	30				
able 11-1 show	s the technology of p	production at the Matsul	ko's Mushroom Farm for	r the month of May 2011.	
-		ishing marginal returns	sets in when the	worker is hired.	9)
•	3rd				
·	2nd				
,	4th	1 (
D)	None of the above; the	ne production function of	lisplays increasing marg	inal returns.	
_					
•		is the marginal product			10)
A) -	5 pounds	B) 50 pounds	C) 137 pounds	D) 12.5 pounds	
11) One n	oogon why in the ch	art win the marginal pres	aduct of labor might incr	roaco initially as more	11\
	eason why, in the shi ers are hired is that	ort run, the marginal pro	oduct of labor might inci	ease muany as more	11)
		hired first and later hire	s are not as skillful		
•		ed get to use the best equ			
		a firm has hired too man			
,	,		•	ng her proficiency at that	
	task.	w worker to rocks on or	ie tusių trieres į iriereusii	Sher proneiency at that	
12) In the	short run if margin	al product is at its maxin	num than		12)
·	average variable cost	-	B) marginal cost is a	at its minimum	12)
	total cost is at its max		D) average cost is at		
C)	total cost is at its ma	anium.	D) average cost is at	no minimum.	
12) Whiel	h of the following co	sts will <i>not</i> change as out	tnut changes?		13)
	total fixed cost	sis will not change as out	iput changes:		
	average variable cost	-			
	average variable cost	.			
	total variable cost				
	marginal cost				
<u> -</u>)					

Table

Table

Figure 11-4

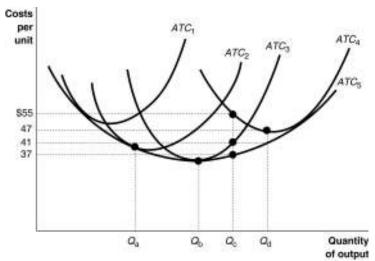


curve's minimum point.

C) All possible economies of scale have been exhausted.
D) An increase in the output level will increase profit.

14) Refer to Figure 11–4. Identify the curves in the diagram.	14)
A) E = average fixed cost curve; F = average total cost curve; G = average variable cost curve, H = marginal cost curve	
B) $E =$ marginal cost curve; $F =$ average total cost curve; $G =$ average variable cost curve; $H =$ average fixed cost curve.	
C) $E = \text{marginal cost curve}$; $F = \text{total cost curve}$; $G = \text{variable cost curve}$, $H = \text{average fixed cost curve}$	
D) E = average fixed cost curve; F = variable cost curve; G = total cost curve, H = marginal cost curve	
15) <i>Refer to Figure 11–4.</i> Curve <i>G</i> approaches curve <i>F</i> because	15)
A) fixed cost falls as capacity rises.	
B) average fixed cost falls as output rises.	
C) total cost falls as more and more is produced.D) marginal cost is above average variable costs.	
D) marginal cost is above average variable costs.	
16) If the marginal cost curve is below the average variable cost curve, then	16)
A) average variable cost is increasing.	,
B) marginal cost must be decreasing.	
C) average variable cost could either be increasing or decreasing.	
D) average variable cost is decreasing.	
450.1	17)
17) Long-run cost curves are U-shaped because A) of the law of diminishing returns. B) of the law of supply.	17)
A) of the law of diminishing returns.B) of the law of supply.C) of economies and diseconomies of scale.D) of the law of demand.	
C) of economies and diseconomies of scale.	
18) Which of the following statements about minimum efficient scale is FALSE ?	18)
A) Any increase in the scale of operation will encounter diseconomies of scale.	,
B) The short-run average total cost curve's minimum point is equal to the long run average cost	

Figure 11-5



		(#2,0ce3#ce1		
19) Refer to Figure 11-5.	Identify the minimum	efficient scale of production.		19)
A) Q _b	B) Q _d	C) Q _c	D) Q _a	
·	xist as a firm increases i	its size in the long run becau	se of all of the following	20)
B) as a firm expan C) labor and mana D) as a larger inpu	ds its production, its progression of the production of the product buyer, the firm can progression of the production of the production of the production of the production of the production, its production of the production of	technology in production. rofit margin per-unit of outpeven further in their tasks. urchase inputs at a lower perd at farmers' markets is perfe	r unit cost.	21)
equal, as more farme likely to happen to the long run? A) The equilibrium B) The equilibrium C) The equilibrium	rs choose to produce and the equilibrium price of an order is likely to increst price is likely to increst price is likely to decress.	the produce and profits of the produce and profits of the ase and profits are likely to ase and profits are likely to be ase and profits are likely to it ease and profits are likely to in unchanged and profits are	rmers' markets, what is the organic farmers in the remain unchanged. ncrease.	21)
A) There are no re B) There are a ver	strictions to entry by ne y large number of firms ctions on exit of firms.	c of a perfectly competitive new firms. Is that are small compared to		22)
23) The price of a seller's A) a few of the sell C) the individual s	lers.	npetition is determined by B) the individual D) market deman	demander. d and market supply.	23)
24) If the market price is fifth unit is	\$20 in a perfectly comp	petitive market, the marginal	revenue from selling the	24)
A) \$20.	B) \$4.	C) \$100.	D) \$10.	

25) Which of the following is <i>not</i> true for a firm in perfeA) Price equals average revenue.B) Profit equals total revenue minus total cost.C) Average revenue is greater than marginal reveD) Marginal revenue equals the change in total re	enue.	25)
26) If, for the last unit of a good produced by a perfectly it, the firm	competitive firm, $MR > MC$, then in producing	26)
A) added more to total costs than it added to total	Lroyonuo	
B) added more to total revenue than it added to total		
C) is maximizing marginal profit.	our cost.	
D) has minimized its marginal losses.		
,		
27) In a graph with output on the horizontal axis and to	tal revenue on the vertical axis, what is the	27)
shape of the total revenue curve for a perfectly comp		,
A) a horizontal line	B) inverted U-shaped	
C) U-shaped	D) a ray from the origin	
28) Assume that price is greater than average variable c		28)
producing at an output where price is \$11 and the n the firm should	narginal cost is \$14.54, then to maximize profits	
A) continue producing at the current output.	B) produce a smaller level of output.	
C) produce zero output.	D) produce a larger level of output.	
e) produce zero odipati	2) produce a larger lever or output.	
29) If a perfectly competitive firm's price is less than its	average total cost but greater than its average	29)
variable cost, the firm		
A) is incurring a loss.	B) is earning a profit.	
C) should shut down.	D) is breaking even.	
e 12–4		

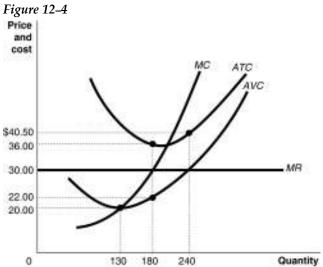


Figure 12–4 shows the cost and demand curves for a profit–maximizing firm in a perfectly competitive market.

30) *Refer to Figure 12–4.* If the market price is \$30 and the firm is producing output, what is the amount of the firm's profit or loss?

A) profit of \$1,440
B) profit of \$1,300
C) loss of \$1,080
D) loss of \$2,520

31) Refer to Figure 12–4.				31)
A) \$2,520	B) \$14	C) \$1,440	D) \$1,080	
	-	n which every good or serv benefit to consumers equal		32)
A) allocative efficie	ncy	B) productive effi	ciency	
C) marginal efficien	ncy	D) profit maximiz	ation	
33) Which of the followin competition?	g characteristics is comi	mon to monopolistic compe	etition and perfect	33)
A) Each firm faces	a downward <mark>-</mark> sloping d	emand curve.		
B) Firms produce i	dentical products.			
C) Firms take mark	et prices as given.			
D) Entry barriers ir	to the industry are low.			
34) When a monopolistic revenue due to the	ally competitive firm cu	ts its price to increase its sa	les, it experiences a gain in	34)

B) output effect.

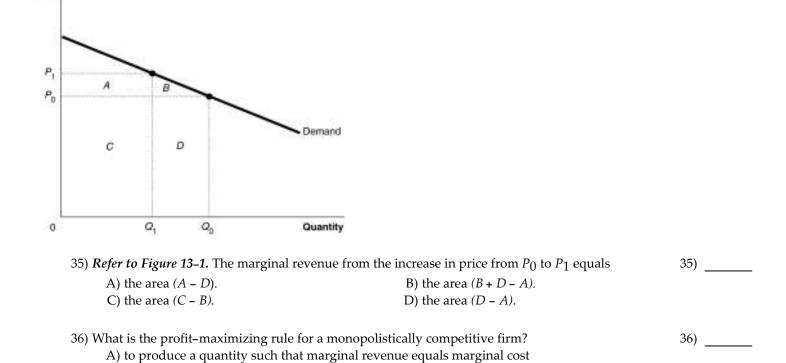
D) price effect.

Figure 13-1

Price

A) substitution effect.

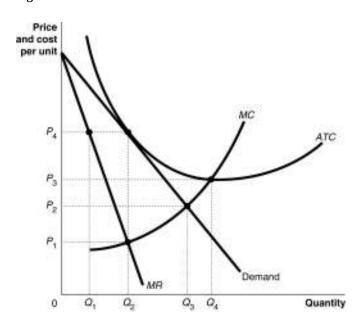
C) income effect.



B) to produce a quantity that maximizes market share C) to produce a quantity such that price equals marginal cost D) to produce a quantity that maximizes total revenue

- 37) In the long run, what happens to the demand curve facing a monopolistically competitive firm that 37) _____ is earning short-run profits?
 - A) The demand curve will shift to the right and became more elastic.
 - B) The demand curve will shift to the right and became less elastic.
 - C) The demand curve will shift to the left and became more elastic.
 - D) The demand curve will shift to the left and became less elastic.

Figure 13-6



38) *Refer to Figure 13–6.* What is the monopolistic competitor's profit maximizing output?

A) Q_1 units

B) Q_2 units

C) Q_3 units

D) Q_4 units

39)

41) ____

- 39) In an oligopoly market

 A) individual firms pay no attention to the behavior of other firms.
 - B) advertising of one firm has no effect on all other firms.
 - C) one firm's pricing decision affects all the other firms.
 - D) the pricing decisions of all other firms have no effect on an individual firm.
- 40) Which of the following is important in determining the extent of competition in an industry?

 40)
 - A) whether or not the industry product is differentiated or standardized
 - B) the minimum efficient scale of production relative to market demand
 - C) the minimum level of short run average total costs of production
 - D) the level of market demand for the industry's product
- 41) One reason why, in the last four decades, the number of new auto makers in the world has been very small compared to the past is that
 - A) governments restrict who can produce automobiles.
 - B) new auto makers cannot obtain necessary inputs to produce new cars.
 - C) new producers cannot match the economies of scale of existing auto makers.
 - D) the automobile cannot be improved upon in any way by new producers.

42) What is the dominant strategy in the prisoner's dilemma?

42) _____

- A) Do not confess in the hope that the other prisoner also does not confess.
- B) Each prisoner confesses.
- C) Do not confess because the other prisoner will most likely confess.
- D) There is no dominant strategy.

Table 14-1

		Godrickporter's	(G) Choices
		Increase advertising budget	Leave advertising budget as is
Star Connections' (S) Choices	Increase advertising budget	G: \$16,000 profit S: \$8,000 profit	G: \$12,000 profit S: \$15,000 profit
	Leave advertising budget as is	G: \$8,000 profit S: \$10,000 profit	G: \$6,000 profit S: \$12,000 profit

Godrickporter and Star Connections are the only two airport shuttle and limousine rental service companies in the mid-sized town of Godrick Hollow. Each firm must decide on whether to increase its advertising spending to compete for customers. Table 14–1 shows the payoff matrix for this advertising game.

43	Refer to	Table 14-1.	What is	the Nash e	auilibrium	in this	game?
-10	INCICIO	I WULL II-I	· vviiat 13	tile i vasii e	quiiibiiuiii	111 11113	game:

43) _____

- A) Godrickporter increases its advertising budget, but Star Connections does not.
- B) Both Godrickporter and Star Connections increase their advertising budgets.
- C) Star Connections increases its advertising budget, but Godrickporter does not.
- D) There is no Nash equilibrium.
- 44) Consider two oligopolistic industries selling the same product in different locations. In the first industry, firms always match price changes by any other firm in the industry. In the second industry, firms always ignore price changes by any other firm. Which of the following statements is true about these two industries, holding everything else constant?
- 44) _____
- A) Market prices are likely to be the same in both markets because they are both oligopolistic markets.
- B) Market prices are likely to be higher in the first industry in which firms always match price changes by rival firms than in the second where firms ignore their rivals' price changes.
- C) Market prices are likely to be lower in the first industry where firms always match price changes by rival firms than in the second where firms ignore their rivals' price changes.
- D) No conclusions can be drawn about the pricing behavior under these very different firm behaviors.
- 45) A small member of a cartel like OPEC (imagine Nigeria) has an incentive to

45) _____

- A) argue for the dissolution of the cartel.
- B) agree to a low cartel production level and then produce more than its quota.
- C) argue for larger production quotas for each member of the cartel.
- D) abide by its individual production quota.

Table 14-3

Saudi Arabia's (S) Choices			
		Low Output	High Output
Nigeria's (N) Choices	Low Output	S: \$100 million profit N: \$20 million profit	S: \$75 million profit N: \$12 million profit
	High Output	S: \$80 million profit N: \$30 million profit	S: \$60 million profit N: \$20 million profit

Suppose OPEC has only two producers, Saudi Arabia and Nigeria. Saudi Arabia has far more oil reserves and is the lower cost producer compared to Nigeria. The payoff matrix in Table 14–3 shows the profits earned per day by each country. "Low output" corresponds to producing the OPEC assigned quota and "high output" corresponds to producing the maximum capacity beyond the assigned quota.

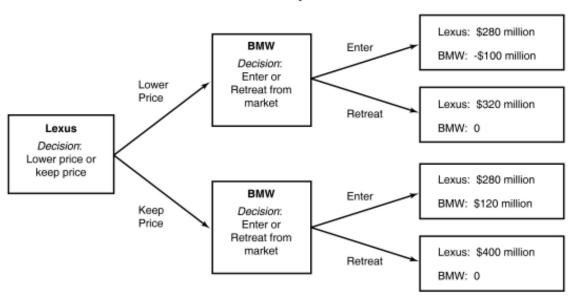
46) Refer to	<i>Table 14–3.</i>	What is the Nash ed	quilibrium in this game?
----	------------	--------------------	---------------------	--------------------------

46) ____

- A) There is no Nash equilibrium.
- B) In the Nash equilibrium both Saudi Arabia and Nigeria produce a low output and earn a profit of \$100 million and \$20 million respectively.
- C) In the Nash equilibrium both Saudi Arabia and Nigeria produce a high output and earn a profit of \$60 million and \$20 million respectively.
- D) In the Nash equilibrium Saudi Arabia produces a low output and earns a profit of \$80 million and Nigeria produces a high output and \$30 million respectively.

Figure 14-1

The Lexus-BMW Entry Game



Assume that Lexus (L) is the first automobile company to produce a luxury class hybrid automobile and is the only such company for the past four years. BMW is now considering producing its own luxury hybrid automobile and Lexus must decide whether or not to lower the price of its luxury hybrid to counter BMW's entry into the luxury hybrid niche.

- 47) *Refer to Figure 14–1.* Should Lexus lower its price in order to deter BMW's entry into the luxury hybrid automobile market?
- 47) _____
- A) No, because BMW will enter the market regardless of Lexus' decision about its price.
- B) No, it should keep the same price and work to capitalize on its brand loyalty.
- C) In terms of profit earned, it makes no difference whether Lexus lowers its price or not; in either case it will make \$280 million profit if BMW enters.
- D) Yes, it will drive BMW out of the market.
- 48) Compared to a monopolistic competitor, a monopolist faces

48) _____

- A) a more elastic demand curve.
- B) a demand curve that has a price elasticity coefficient of zero.
- C) a more inelastic demand curve.
- D) a more elastic demand curve at higher prices and a more inelastic demand curve at lower prices.
- 49) What is a network externality?

49) _____

- A) It refers to a situation in which a product's usefulness increases with the number of people using it.
- B) It refers to a product that requires connection to a network for it to be useful.
- C) It refers to lobbying to form a public enterprise.
- D) It refers to having a network of suppliers and buyers for a good or service.

50) For a natural monopoly to exist,

- 50)
- A) a firm's long-run average cost curve must exhibit diseconomies of scale beyond the economically efficient output level.
- B) a firm must have a government-imposed barrier.
- C) a firm must continually buy up its rivals.
- D) a firm's long-run average cost curve must exhibit economies of scale throughout the relevant range of market demand.
- 51) The demand curve for the monopoly's product is

51) _____

- A) more inelastic than the market demand for the product.
- B) more elastic than the market demand for the product.
- C) the market demand for the product.
- D) a function of the firm's own demand determinents and the output decisions of rival firms in the market

Figure 15-1

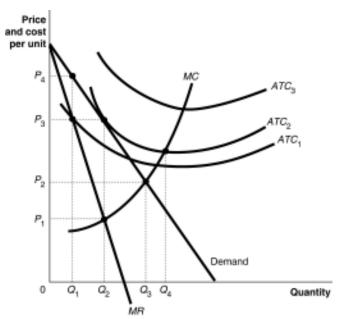


Figure 15-1 above shows the demand and cost curves facing a monopolist.

52) Refer to Figure 15–1. The firm's profit–maximizing price is
A) P_2 . B) P_4 . C) P_1 . D) P_3 .

Figure 15-5

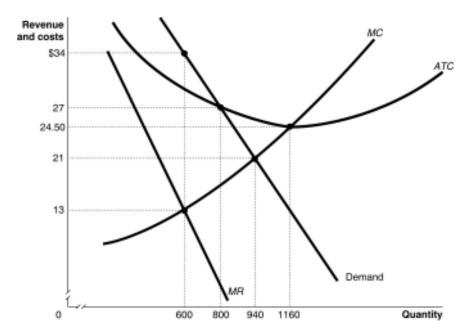


Figure 15-5 shows the demand and cost curves for a monopolist.

53) Refer to Figure 15-5. What is the economically efficient output level for society?

A) 600 units

B) 940 units

C) 800 units

D) 1160 units

54) Why does a monopoly cause a deadweight loss?

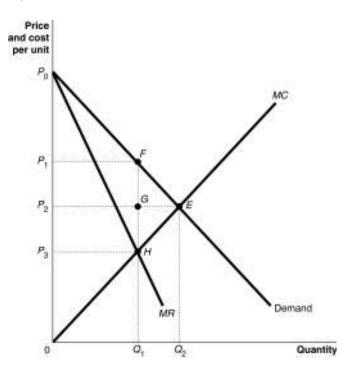
A) because it appropriates a portion of consumer surplus for itself

B) because it does not produce some output for which supply exceeds demand

C) because it increases producer surplus at the expense of consumer surplus

D) because it does not produce some output for which marginal benefit exceeds marginal cost

Figure 15-6



55) *Refer to Figure 15–6.* Compared to a perfectly competitive market, consumer surplus is lower in a monopoly by an amount equal to the

55) _____

- A) area *FHE*.
- B) area P_1P_2EF .
- C) area P_1P_2GF .
- D) area FGE.

Answer Key

Testname: UNTITLED1

- 1) A
- 2) D
- 3) A
- 4) B
- 5) D
- 6) D
- 7) A
- 8) B
- 9) A
- 10) A
- 11) D
- 12) B
- 13) A 14) B
- 15) B
- 16) D
- 17) C
- 18) D
- 19) A 20) B
- 21) C
- 22) C
- 23) D
- 24) A
- 25) C
- 26) B
- 27) D
- 28) B
- 29) A
- 30) C
- 31) A
- 32) A
- 33) D
- 34) B
- 35) A
- 36) A
- 37) C
- 38) B
- 39) C
- 40) B
- 41) C
- 42) B 43) A
- 44) B
- 45) B
- 46) D
- 47) D
- 48) C
- 49) A
- 50) D

Answer Key Testname: UNTITLED1

- 51) C 52) D 53) B 54) D 55) B