Exam
Name

## MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

1) If the price of ground beef decreases, which of the following will occur?
A) There will be a movement down the demand curve for ground beef.
B) Consumers will experience a decrease in their purchasing power.
C) The substitution effect will cause some consumers to switch to other types of meat.
D) The demand curve for ground beef will shift to the left.
2) If the price of peanut butter increases, which of the following will occur?
A) Consumers will experience an increase in their purchasing power.
B) There will be a movement up the demand curve for peanut butter.
C) The demand curve for peanut butter will shift to the left.
D) The demand curve for peanut butter will shift to the right.
3) Which of the following will cause a movement along the demand curve for apple juice?
4) 
5) $\qquad$
6) $\qquad$
A) a decrease in consumer incomes
B) an increase in the price of apple juice
C) an expected change in the future price of apple juice
D) a change in the price of orange juice, a substitute for apple juice
7) Which of the following will cause a movement down the demand curve for frozen chicken nuggets?
A) a decrease in the price of frozen chicken nuggets
B) an increase in consumer incomes
C) an increase in the price of frozen chicken nuggets
D) a decrease in consumer incomes
8) Which of the following will cause a movement up the demand curve for digital printing services?
A) a decrease in consumer incomes
B) a decrease in the price of digital printing services
C) an increase in the price of digital printing services
D) an increase in consumer incomes
9) The demand function for Super Big Bright LED light bulbs is $Q^{d}=(45$ million $)-(3.5$ million $\times P)$. If
10) 
11) $\qquad$ the company charged a price of $\$ 8$ per bulb, how many will be demanded?
A) 41.5 million
B) 10 million
C) 37 million
D) 17 million
12) The demand function for Super Big Bright LED light bulbs is $Q^{\mathrm{d}}=(45$ million $)$ - $(3.5$ million $\times P)$.
13) $\qquad$ The company is currently charging a price of $\$ 8$ per bulb, but is considering increasing the price to $\$ 10$. How will the increase in price affect the quantity demanded?
A) Consumers will decrease the quantity demanded by 7 million.
B) Consumers will increase the quantity demanded by 10 million.
C) Consumers will increase the quantity demanded by 7 million.
D) Consumers will decrease the quantity demanded by 10 million.
14) The demand function for a pack of four Never Die Batteries is $\mathrm{Q}^{\mathrm{d}}=(62$ million $)$ - $(8$ million $\times P)$. If the company charged a price of $\$ 5$ per package, how many packages will be demanded?
A) 54 million
B) 22 million
C) 102 million
D) 8 million
15) The demand function for a pack of four Never Die Batteries is $Q^{d}=(62$ million $)$ - $(8$ million $\times P)$. The company is currently charging a price of $\$ 5$ per package, but is considering decreasing the price to $\$ 4$. How will the decrease in price affect how many packages of batteries consumers will buy?
A) Consumers will decrease the quantity demanded by 30 million.
B) Consumers will increase the quantity demanded by 30 million.
C) Consumers will increase the quantity demanded by 8 million.
D) Consumers will decrease the quantity demanded by 8 million.
16) For any demand function, which of the following represents the dependent variable?
A) the quantity demanded of a good
B) the price of the good
C) consumer incomes
D) the price of a substitute good
17) For demand functions, which of the following cannot be an independent variable?
A) the price of a substitute good
B) the quantity demanded of a good
C) consumer incomes
D) the price of the good in question
18) If an increase in consumers' incomes results in a leftward shift of the demand curve for a good, which of the following is true?
A) The good is an inferior good.
B) The demand for the good does not follow the Law of Demand.
C) The good has an upward sloping demand curve.
D) The good is a normal good.
19) If Goods $X$ and $Y$ are complements, if the price of Good $X$ decreases, this will cause a movement
20) $\qquad$
21) $\qquad$
22) $\qquad$
23) $\qquad$
24) $\qquad$
A) up; rightward
C) up; leftward
B) down; leftward
D) down; rightward shift in the demand for Good Y.
25) If Goods $X$ and $Y$ are substitutes, if the price of Good $X$ decreases, this will cause a movement
$\qquad$ the demand curve for Good X and a $\qquad$ shift in the demand for Good Y.
A) down; leftward
B) up; rightward
C) down; rightward
D) up; leftward
26) If Goods $X$ and $Y$ are substitutes, if the price of Good $X$ increases, this will cause a movement
27) $\qquad$ the demand curve for Good X and a $\qquad$ shift in the demand for Good Y.
A) up; rightward
B) up; leftward
C) down; leftward
D) down; rightward

## Demand Curve for Good Z

## Price (dollars per unit)


16) Refer to the figure above. Which of the following could have caused the shift in the demand curve?
16) $\qquad$
A) a decrease in the price of Good $Z$
B) an increase in income if Good Z is an inferior good
C) an increase in the price of a substitute for Good Z
D) a decrease in the expected future price of Good Z
17) Refer to the figure above. Which of the following could have caused the shift in the demand curve?
17) $\qquad$
A) a decrease in the price of a substitute for Good Z
B) a decrease in income if Good Z is an inferior good
C) a decrease in the price of Good $Z$
D) an increase in the price of a complement for Good $Z$
18) Refer to the figure above. Which of the following could have caused the shift in the demand curve?
A) a decrease in the expected future price of Good Z
B) an effective marketing campaign that changes preferences towards Good Z
C) an increase in income if Good Z is an inferior good
D) a decrease in the price of Good $Z$
19) Refer to the figure above. Which of the following could have caused the shift in the demand curve?
19) $\qquad$
A) a decrease in the price of Good $Z$
B) a decrease in the expected future price of Good Z
C) an increase in the number of demanders for Good $Z$
D) an increase in the price of Good $Z$
20) Refer to the figure above. Which of the following could have caused the shift in the demand curve?
20) $\qquad$
A) a decrease in the price of a substitute for Good Z
B) a decrease in the number of demanders for Good Z
C) an increase in the price of a complement for Good $Z$
D) an increase in the expected future price of Good Z

## Demand Curve for Good Z

Price (dollars per unit)

21) Refer to the figure above. Which of the following could have caused the shift in the demand curve?
21)
A) an increase in the number of demanders for Good $Z$
B) a decrease in the price of a complement for Good Z
C) an increase in the price of a substitute for Good $Z$
D) a decrease in the expected future price of Good Z
22) Refer to the figure above. Which of the following could have caused the shift in the demand curve?
22) $\qquad$
A) an increase in the price of Good $Z$
B) a decrease in income if Good Z is an inferior good
C) an increase in the expected future price of Good $Z$
D) a decrease in the price of a substitute for Good Z
23) Refer to the figure above. Which of the following could have caused the shift in the demand curve?
23) $\qquad$
A) an increase in income if Good Z is an inferior good
B) a decrease in the price of a complement for Good Z
C) an increase in the price of a substitute for Good Z
D) an increase in the price of Good Z
24) Refer to the figure above. Which of the following could have caused the shift in the demand curve?
24)
A) a decrease in income if Good $Z$ is an inferior good
B) an increase in the price of a complement for Good Z
C) an increase in the price of Good Z
D) an increase in the expected future price of Good $Z$
25) Refer to the figure above. Which of the following could have caused the shift in the demand curve?
A) a decrease in the price of Good $Z$
B) a decrease in the price of a complement for Good Z
C) a decrease in income if Good Z is a normal good
D) an increase in the price of Good Z

## TRUE/FALSE. Write ' $T$ ' if the statement is true and ' $F$ ' if the statement is false.

26) The Law of Demand states that as consumers' incomes increase, the demand for normal goods increase.
27) If an increase in the price of Good $X$ causes the demand for Good $Y$ to shift rightward, Goods $X$ and Y are complements.
28) If a decrease in the price of Good $X$ causes the demand for Good $Y$ to shift rightward, Goods $X$ and Y are complements.
29) An increase in the number of demanders for a good will cause a downward movement along the demand curve.
30) A news report discussing a medical study that found conclusive evidence of the positive health benefits of farm-raised eggs is likely to cause a rightward shift of the demand curve for farm-raised eggs.

## MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

31) If the price of avocados increases, which of the following will occur?
A) The supply curve for avocados will shift to the right.
B) There will be a movement down the supply curve for avocados.
C) There will be a movement up the supply curve for avocados.
D) The supply curve for avocados will shift to the left.
32) If the price of tomato juice decreases, which of the following will occur?
A) The supply curve for tomato juice will shift to the left.
B) There will be a movement down the supply curve for tomato juice.
C) There will be a movement up the supply curve for tomato juice.
D) The supply curve for tomato juice will shift to the right.
33) Which of the following will cause a movement down the supply curve for frozen chicken nuggets?
34) $\qquad$
35) $\qquad$
36) $\qquad$
A) a decrease in the cost to produce frozen chicken nuggets
B) an increase in the number of suppliers of frozen chicken nuggets
C) a decrease in the expected future price of frozen chicken nuggets
D) a decrease in the price of frozen chicken nuggets
37) The supply function for a pack of four Never Die Batteries is $Q^{S}=(0)+(6$ million $\times P)$. If the company charged a price of $\$ 5$ per package, how many packages will be supplied?
A) 6 million
B) 0
C) 22 million
D) 30 million
38) The supply function for a pack of four Never Die Batteries is $Q^{S}=(0)+(6$ million $\times P)$. If the price of a package of four Never Die Batteries increases by $\$ 1$, how will this change the quantity supplied?
A) increase by 6 million
B) increase by 1 million
C) decrease by 1 million
D) decrease by 6 million
39) The supply function for a half gallon of Happy Cow Milk is $Q^{S}=(0)+(2$ million $\times P)$. If the company charged a price of $\$ 3.5$ per half gallon, how many half gallons will be supplied?
A) 3.5 million
B) 0
C) 7 million
D) 2 million
40) The supply function for a half gallon of Happy Cow Milk is $Q^{S}=(0)+(2$ million $\times P)$. If the price of a Happy Cow Milk decreases by $\$ 1$, how will this change the quantity supplied?
A) increase by 2 million
B) decrease by 2 million
C) increase by 1 million
D) decrease by 1 million
41) If Goods $X$ and $Y$ are substitutes in production, if the price of Good $X$ decreases, this will cause a movement $\qquad$ the supply curve for Good $X$ and a $\qquad$ shift in the supply curve for Good Y.
A) up; leftward
B) down; leftward
C) down; rightward
D) up; rightward
42) If Goods $X$ and $Y$ are substitutes in production, if the price of Good $X$ increases, this will cause a
43) $\qquad$
44) $\qquad$
45) $\qquad$ movement $\qquad$ the supply curve for $\operatorname{Good} X$ and a $\qquad$ shift in the supply curve for Good Y.
A) up; leftward
B) down; leftward
C) up; rightward
D) down; rightward
46) If Goods $X$ and $Y$ are substitutes in production, if the price of Good $X$ decreases, this will cause a
$\qquad$ the supply curve for Good $X$ and a $\qquad$ the supply curve for Good Y.
A) shift in; shift in
B) movement along; movement along
C) movement along; shift in
D) shift in; movement along
47) If Goods $X$ and $Y$ are substitutes in production, if the price of Good $X$ increases, this will cause a
$\qquad$ the supply curve for Good $X$ and a $\qquad$ the supply curve for Good Y.
A) movement along; shift in
B) shift in; movement along
C) shift in; shift in
D) movement along; movement along
48) If Goods $R$ and $S$ are complements in production, if the price of Good $R$ increases, this will cause
$\qquad$ $\mathrm{a}(\mathrm{n})$ $\qquad$ the supply curve for Good S.
A) upward movement along
B) downward movement along
C) rightward shift in
D) leftward shift in
49) $\qquad$
50) $\qquad$
51) If Goods $R$ and $S$ are complements in production, if the price of Good $R$ decreases, this will cause a(n) $\qquad$ the supply curve for Good $S$.
A) leftward shift in
B) upward movement along
C) rightward shift in
D) downward movement along
52) A technological advancement in the production of LED light bulbs will result in $\qquad$ .
53) $\qquad$
54) $\qquad$
A) a rightward shift of the supply curve
B) a leftward shift of the supply curve
C) an upward movement along the supply curve
D) a downward movement along the supply curve
55) A bad growing season for avocados will result in $\qquad$ -.
A) a leftward shift of the supply curve
B) a downward movement along the supply curve
C) a rightward shift of the supply curve
D) an upward movement along the supply curve

## Supply Curve for Good R

## Price (dollars per unit)


46) Refer to the figure above. Which of the following could have caused the shift in the supply curve?
46) $\qquad$
A) a decrease in the price of Good R
B) an increase in the number of sellers of Good R
C) an increase in the cost of producing Good $R$
D) an increase in the price of a substitute good in production
47) Refer to the figure above. Which of the following could have caused the shift in the supply curve?
A) a decrease in the cost of producing Good $R$
B) a bad state of nature for the production of Good $R$
C) an increase in the price of a substitute good in production
D) an increase in the price of Good R
48) Refer to the figure above. All of the following except which one could have caused the shift in the supply curve?
A) a decrease in the cost of producing Good R
B) an increase in the price of Good $R$
C) an increase in the number of sellers of Good $R$
D) a good state of nature for the production of Good $R$
49) Refer to the figure above. Which of the following could have caused the shift in the supply curve?
A) an increase in the price of a substitute good in production
B) a decrease in the price of Good $R$
C) an increase in the expected future price of Good $R$
D) an increase in the price of a complement good in production
50) Refer to the figure above. Which of the following could have caused the shift in the supply curve?
A) a decrease in the price of a complement good in production
B) a decrease in the price of a substitute good in production
C) a decrease in the number of sellers of Good R
D) a bad state of nature for the production of Good R

## Supply Curve for Good R

Price (dollars per unit)

51) Refer to the figure above. Which of the following could have caused the shift in the supply curve?
A) an increase in the cost of producing Good R
B) an increase in the number of sellers of Good R
C) a decrease in the price of a substitute good in production
D) an increase in the price of Good R
52) Refer to the figure above. Which of the following could have caused the shift in the supply curve?
A) an increase in the price of a substitute good in production
B) a good state of nature for the production of Good $R$
C) a decrease in the cost of producing Good $R$
D) a decrease in the price of Good $R$
53) Refer to the figure above. All of the following except which one could have caused the shift in the supply curve?
A) an increase in the price of a complement good in production
B) a decrease in the number of sellers of Good R
C) an increase in the cost of producing Good $R$
D) an increase in the price of a substitute good in production
51) $\qquad$
52) $\qquad$
53) $\qquad$
54) Refer to the figure above. Which of the following could have caused the shift in the supply curve?
54) $\qquad$
55) $\qquad$
A) an increase in the price of a complement good in production
B) a decrease in the expected future price of Good R
C) a technological advancement in the production of Good $R$
D) a bad state of nature for the production of Good $R$

## TRUE/FALSE. Write ' T ' if the statement is true and ' F ' if the statement is false.

56) An increase in the price of Good $R$ will cause a movement upward on the supply curve for Good $R$.
57) If Goods $Y$ and $Z$ are complements in production, the increase in the price of Good $Y$ will shift the supply curve for Good Z to the right.
58) Only a change in the price of almonds will cause a movement along the supply curve of almonds.
59) If Goods $R$ and $S$ are complements in production, if the price of Good $R$ increases, both the supply curve for Good $R$ and Good $S$ will shift.
60) In terms of production, cost and price are the same.

## MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

61) At the equilibrium price, which of the following is true?
A) The quantity supplied exceeds the quantity demanded.
B) The quantity demanded exceeds the quantity supplied.
C) There is a shortage of the product.
D) The quantity demanded equals the quantity supplied.
62) At any price higher than the equilibrium price, a $\qquad$ in quantity will be created and at any price lower than the equilibrium price, a $\qquad$ in quantity will be created.
A) shortage; shortage
B) shortage; surplus
C) surplus; shortage
D) surplus; surplus
63) If there is a surplus in the market, market forces will drive the quantity supplied to $\qquad$ and
64) $\qquad$
A) decrease; increase
B) increase; decrease
C) increase; increase
D) decrease; decrease
65) If there is a shortage in the market, market forces will drive the quantity supplied to $\qquad$ and
66) $\qquad$ the quantity demanded to $\qquad$ —.
A) increase; increase
B) decrease; decrease
C) increase; decrease
D) decrease; increase
67) If the equilibrium price for a half gallon of organic milk is $\$ 4$ and the current price for a half gallon of milk is $\$ 5.25$, market forces will cause all of the following to occur except which one?
A) the quantity supplied to decrease
B) the quantity demanded to increase
C) the quantity supplied to increase
D) the price to fall to the equilibrium price
68) If the equilibrium price for a half gallon of organic milk is $\$ 4$ and the current price for a half gallon of milk is $\$ 3.25$, market forces will cause all of the following to occur except which one?
A) the quantity supplied to decrease
B) the quantity supplied to increase
C) the price to rise to the equilibrium price
D) the quantity demanded to decrease
69) If the equilibrium price for a half gallon of organic milk is $\$ 4$ and the current price for a half gallon of milk is $\$ 3.25$, all of the following are true except which one?
A) There is a shortage in the market.
B) Market forces will cause the current price to increase.
C) The quantity demanded exceeds the quantity supplied.
D) There is a surplus in the market.
70) If the equilibrium price for a half gallon of organic milk is $\$ 4$ and the current price for a half gallon
$\qquad$ of milk is $\$ 5.25$, all of the following are true except which one?
A) There is a surplus in the market.
B) Market forces will cause the current price to fall.
C) The quantity supplied exceeds the quantity demanded.
D) There is a shortage in the market.

## Demand and Supply for Sunglasses


69) Refer to the figure above. At a price of $\$ 50$, which of the following is true?
69) $\qquad$
A) The quantity demanded equals the quantity supplied.
B) The quantity supplied exceeds the quantity demanded.
C) The quantity demanded exceeds the quantity supplied
D) There is a shortage of the sunglasses.
70) Refer to the figure above. At a price of $\$ 30$, which of the following is true?
A) There is a surplus of the sunglasses.
B) The quantity demanded equals the quantity supplied.
C) The quantity demanded exceeds the quantity supplied.
D) The quantity supplied exceeds the quantity demanded.
71) Refer to the figure above. At a price of $\$ 70$, which of the following is true?
71) $\qquad$
A) There is a shortage of the sunglasses.
B) The quantity supplied exceeds the quantity demanded.
C) The quantity demanded exceeds the quantity supplied.
D) The quantity demanded equals the quantity supplied.
72) Refer to the figure above. If the price of sunglasses is currently $\$ 70$, market forces will cause the quantity supplied to $\qquad$ and the quantity demanded to $\qquad$ until the price is equal to the equilibrium price.
A) decrease; decrease
B) increase; increase
C) increase; decrease
D) decrease; increase
73) Refer to the figure above. If the price of sunglasses is currently $\$ 30$, market forces will cause the
72) $\qquad$
73) $\qquad$ quantity supplied to $\qquad$ and the quantity demanded to $\qquad$ until the price is equal to the equilibrium price.
A) increase; decrease
B) decrease; increase
C) increase; increase
D) decrease; decrease
74) If the $\mathrm{Q}^{\mathrm{d}}=(20$ million $)-(2$ million $\times P)$ and $\mathrm{Q}^{S}=(0)+(3$ million $\times P)$, the equilibrium price for the product is $\qquad$ -.
A) $\$ 3$
B) $\$ 5$
C) $\$ 2$
D) $\$ 4$
75) If the $\mathrm{Q}^{\mathrm{d}}=(50$ million $)-(4$ million $\times P)$ and $\mathrm{Q}^{\mathrm{S}}=(0)+(1$ million $\times P)$, the equilibrium price for the product is $\qquad$ -.
A) $\$ 1$
B) $\$ 5$
C) $\$ 4$
D) $\$ 10$
76) If the $Q^{d}=(40$ million $)-(8$ million $\times P)$ and $Q^{S}=(10$ million $)+(2$ million $\times P)$, the equilibrium price for the product is $\qquad$ -.
A) $\$ 12$
B) $\$ 2$
C) $\$ 8$
D) $\$ 3$
77) If the $\mathrm{Q}^{\mathrm{d}}=(50$ million $)-(4$ million $\times P)$ and $\mathrm{Q}^{S}=(2$ million $)+(4$ million $\times P)$, the equilibrium price for the product is $\qquad$ -.
A) $\$ 10$
B) $\$ 6$
C) $\$ 2$
D) $\$ 4$
78) If the $\mathrm{Q}^{\mathrm{d}}=(12$ million $)-(1$ million $\times P)$ and $\mathrm{Q}^{S}=(2$ million $)+(1$ million $\times P)$, the equilibrium price for the product is $\qquad$ -.
A) $\$ 12$
B) $\$ 5$
C) $\$ 2$
D) $\$ 1$
79) If the $\mathrm{Q}^{\mathrm{d}}=(18$ million $)-(3$ million $\times P)$ and $\mathrm{Q}^{S}=(0)+(3$ million $\times P)$, the equilibrium price for the product is $\qquad$ -.
A) $\$ 10$
B) $\$ 3$
C) $\$ 6$
D) $\$ 8$
80) For a particular product the $\mathrm{Q}^{\mathrm{d}}=(20$ million $)-(2.5$ million $\times P)$ and $\mathrm{Q}^{S}=(0)+(2.5$ million $\times P)$. If the current price is $\$ 5$, which of the following is true?
A) There is a surplus of the product in the market.
B) There is a shortage of the product in the market.
C) The current price is equal to the equilibrium price.
D) The quantity demanded equals the quantity supplied.
81) For a particular product the $\mathrm{Q}^{\mathrm{d}}=(45$ million $)-(3$ million $\times P)$ and $\mathrm{Q}^{S}=(0)+(2$ million $\times P)$. If the
81) $\qquad$ current price is $\$ 7$, which of the following is true?
A) There is a surplus of the product in the market.
B) The quantity demanded equals the quantity supplied.
C) There is a shortage of the product in the market.
D) The current price is equal to the equilibrium price.
82) If the $\mathrm{Q}^{\mathrm{d}}=(18$ million $)-(3$ million $\times P)$ and $\mathrm{Q}^{S}=(0)+(3$ million $\times P)$, the equilibrium quantity for the product is $\qquad$ _.
A) 3 million
B) 6 million
C) 18 million
D) 9 million
83) If the $\mathrm{Q}^{\mathrm{d}}=(20$ million $)-(2.5$ million $\times P)$ and $\mathrm{Q}^{S}=(0)+(2.5$ million $\times P)$, the equilibrium quantity for the product is $\qquad$ .
A) 20 million
B) 10 million
C) 5 million
D) 2.5 million
84) If the $\mathrm{Q}^{\mathrm{d}}=(50$ million $)-(4$ million $\times P)$ and $\mathrm{Q}^{S}=(2$ million $)+(4$ million $\times P)$, the equilibrium quantity for the product is $\qquad$ $\ldots$.
A) 26 million
B) 4 million
C) 12 million
D) 8 million
85) If the $\mathrm{Q}^{\mathrm{d}}=(12$ million $)-(1$ million $\times P)$ and $\mathrm{Q}^{S}=(2$ million $)+(1$ million $\times P)$, the equilibrium quantity for the product is $\qquad$ .
A) 1 million
B) 11 million
C) 10 million
D) 7 million

## TRUE/FALSE. Write 'T' if the statement is true and ' $F$ ' if the statement is false.

86) For any good or service, at the market equilibrium price the quantity demanded exceeds the quantity supplied.
87) If the current price for salmon exceeds the equilibrium price, there will be a surplus of salmon in the market.
88) If the current price for a product is not equal to its equilibrium price, the quantity demanded is not equal to the quantity supplied.
89) If the market for salmon is in equilibrium, there is not a shortage or a surplus of salmon.
90) $\qquad$
91) If the $\mathrm{Q}^{\mathrm{d}}=(15$ million $)-(2$ million $\times P)$ and $\mathrm{Q}^{S}=(0)+(3$ million $\times P)$, the equilibrium price for the product is $\$ 3$.

## MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

91) The maximum price a consumer is willing to pay for a second slice of pizza is $\qquad$ -.
A) the consumer's marginal benefit of a second slice of pizza
B) always more than the maximum price the consumer is willing to pay for the first slice of pizza
C) the consumer's marginal cost of a second slice of pizza
D) equal to the consumer surplus
92) The maximum price a consumer is willing to pay for a second bottle of water is $\qquad$ .
93) $\qquad$
94) $\qquad$
95) $\qquad$
96) $\qquad$
97) $\qquad$
98) $\qquad$
A) equal to the consumer surplus
B) the consumer's marginal benefit of a second bottle of water
C) the consumer's marginal cost of a second bottle of water
D) equal to the consumer's total value of two bottles of water
99) The minimum price a producer is willing to accept for the one hundredth bottle of water is
100) $\qquad$
A) the producer's marginal cost of the one hundredth bottle of water
B) the producer's marginal benefit of the one hundredth bottle of water
C) equal to the producer surplus
D) equal to the producer's total value of 100 bottles of water
101) The minimum price a producer is willing to accept for the fifth slice of pizza is $\qquad$ .
102) $\qquad$
103) $\qquad$
A) total surplus is minimized
B) the quantity produced exceeds the equilibrium quantity
C) total surplus is maximized
D) a deadweight loss exists
104) If a competitive market is producing at the efficient quantity, all of the following are true except which one?
A) The marginal benefit to society exceeds the marginal cost.
B) Total surplus is maximized.
C) The efficient quantity is being produced.
D) Deadweight loss is equal to zero.
105) If a competitive market is producing at the efficient quantity, all of the following are true except
106) 
107) $\qquad$ which one?
A) Total surplus is maximized.
B) The marginal benefit to society equals the marginal cost.
C) There is overproduction in the market.
D) The efficient quantity is being produced.
108) If deadweight loss exists in a competitive market, which one of the following is true?
109) $\qquad$
A) The efficient quantity is being produced.
B) The market is either under- or overproducing.
C) Total surplus is maximized.
D) The marginal benefit to society equals the marginal cost.
110) If there is underproduction in a competitive market, $\qquad$ .
A) there will be no deadweight loss
B) the marginal benefit to society exceeds the marginal cost
C) the marginal cost to society exceeds the marginal benefit
D) the market is producing the efficient quantity
111) If there is overproduction in a competitive market, $\qquad$ .
112) $\qquad$
A) there will be no deadweight loss
B) the marginal benefit to society exceeds the marginal cost
C) the market is producing the efficient quantity
D) the marginal cost to society exceeds the marginal benefit
113) If there is overproduction in a competitive market, $\qquad$ will increase if the quantity produced
114) $\qquad$
A) total surplus; decreases
B) deadweight loss; increases
C) deadweight loss; decreases
D) total surplus; increases
115) If there is underproduction in a competitive market, $\qquad$ will increase if the quantity
116) $\qquad$ produced $\qquad$ to the equilibrium quantity.
A) deadweight loss; decreases
B) deadweight loss; increases
C) total surplus; decreases
D) total surplus; increases
117) If there is underproduction in a competitive market, the quantity produced is $\qquad$ than the
118) $\qquad$ efficient quantity and the marginal benefit to society is $\qquad$ than the marginal cost.
A) less; less
B) greater; less
C) less; greater
D) greater; greater
119) If there is overproduction in a competitive market, the quantity produced is $\qquad$ than the
120) $\qquad$ efficient quantity and the marginal benefit to society is $\qquad$ than the marginal cost.
A) less; less
B) greater; less
C) less; greater
D) greater; greater
121) All else equal, the higher the price, the $\qquad$ the consumer surplus and the $\qquad$ the
122) $\qquad$ producer surplus.
A) higher; lower
B) higher; higher
C) lower; lower
D) lower; higher
123) All else equal, the lower the price, the $\qquad$ the consumer surplus and the $\qquad$ the
124) $\qquad$ producer surplus.
A) higher; higher
B) lower; higher
C) higher; lower
D) lower; lower

Demand and Supply for Sunglasses

107) Refer to the figure above. If the market price for sunglasses is $\$ 50$, Area A represents the $\qquad$ . 107) $\qquad$
A) producer surplus
B) deadweight loss
C) total surplus
D) consumer surplus
108) Refer to the figure above. If the market price of sunglasses is $\$ 50$, Area B represents the $\qquad$ - 108) $\qquad$
A) consumer surplus
B) deadweight loss
C) producer surplus
D) total surplus
109) Refer to the figure above. If the market price of sunglasses is $\$ 50$, $A$ rea $A+B$ represents the
109) $\qquad$
A) producer surplus
B) total surplus
C) consumer surplus
D) deadweight loss
110) Refer to the figure above. If the market price of sunglasses is $\$ 50$, which of the following is true?
110) $\qquad$
A) The marginal benefit to society exceeds the marginal cost.
B) The marginal cost to society exceeds the marginal benefit.
C) The total surplus is minimized.
D) There is no deadweight loss.
111) Refer to the figure above. If market price of sunglasses is $\$ 50$, all of the following are true except
111) $\qquad$ which one?
A) The efficient quantity is produced.
B) The marginal cost to society equals the marginal benefit.
C) Total surplus is maximized.
D) Area B represents the deadweight loss.

## Demand and Supply for Sunglasses

## Price


112) Refer to the figure above. If 20 units of sunglasses are produced, the marginal benefit to society is
112) $\qquad$ _ than the marginal cost and sunglasses are $\qquad$ _.
A) less; underproduced
B) greater; underproduced
C) greater; overproduced
D) less; overproduced
113) Refer to the figure above. If 80 units of sunglasses are produced, the marginal benefit to society is
113) $\qquad$
A) less; overproduced
B) greater; underproduced
C) greater; overproduced
D) less; underproduced
114) Refer to the figure above. If 20 units of sunglasses are produced, sunglasses are $\qquad$ , and area
114) $\qquad$
A) overproduced; D
B) overproduced; C
C) underproduced; D
D) underproduced; C
115) Refer to the figure above. If 80 units of sunglasses are produced, sunglasses are $\qquad$ and area
115) $\qquad$ graphically represents the deadweight loss.
A) underproduced; D
B) overproduced; D
C) overproduced; C
D) underproduced; C

## TRUE/FALSE. Write ' T ' if the statement is true and ' F ' if the statement is false.

116) For any market, the total surplus is equal to the consumer surplus plus the producer surplus.
117) $\qquad$
118) For any market, the total surplus is equal to the consumer surplus minus the producer surplus.
119) All else equal, the higher the actual price producers receive for their product, the greater the producer surplus.
120) All else equal, the higher the actual price consumers must pay to purchase a product, the greater the consumer surplus.
121) In a competitive market, if the deadweight loss is equal to zero, society enjoys the largest total surplus.

## MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

121) An increase in the demand for bananas will $\qquad$ the equilibrium price and $\qquad$ the
122) $\qquad$
123) $\qquad$
124) $\qquad$
125) $\qquad$ equilibrium quantity of bananas.
A) decrease; increase
B) increase; decrease
C) decrease; decrease
D) increase; increase
126) A decrease in the demand for pork chops will $\qquad$ the equilibrium price and $\qquad$ the
127) $\qquad$ equilibrium quantity of pork chops.
A) decrease; increase
B) increase; decrease
C) increase; increase
D) decrease; decrease
128) If the price of hot dogs increases, this will cause a(n) $\qquad$ the demand curve for hot dog buns
129) 
130) $\qquad$ and $\mathrm{a}(\mathrm{n})$ $\qquad$ in the equilibrium price of hot dog buns.
A) decrease; increase
B) decrease; decrease
C) increase; increase
D) increase; decrease
131) If the price of hot dogs increases, this will cause a $\qquad$ the demand curve for hot dog buns and
132) $\qquad$
a $\qquad$ the supply curve of hot dog buns.
A) movement along; shift of
B) shift of; movement along
C) movement along; movement along
D) shift of; shift of
133) An increase in consumer incomes will shift the demand curve for luxury vehicles to the $\qquad$ 125) $\qquad$ and $\qquad$ both the equilibrium price and quantity of luxury vehicles.
A) left; decrease
B) left; increase
C) right; increase
D) right; decrease
134) A decrease in consumer incomes will shift the demand curve for designer handbags to the
135) $\qquad$
$\qquad$ and $\qquad$ both the equilibrium price and quantity of designer handbags.
A) left; decrease
B) right; increase
C) left; increase
D) right; decrease
136) A technological advancement in the production of hybrid cars will cause a $\qquad$ the supply
137) $\qquad$ curve for hybrid cars and a(n) $\qquad$ in the equilibrium price of hybrid cars.
A) movement along; decrease
B) shift of; increase
C) shift of; decrease
D) movement along; increase
138) A technological advancement in the production of engineered diamonds will cause the equilibrium
139) $\qquad$ price of engineered diamonds to $\qquad$ and the equilibrium quantity to $\qquad$ _.
A) increase; decrease
B) decrease; increase
C) increase; increase
D) decrease; decrease
140) An increase in the cost of flour will shift the supply curve for bread to the $\qquad$ and $\qquad$ 129) $\qquad$ the equilibrium quantity of bread.
A) right; decrease
B) left; increase
C) left; decrease
D) right; increase
141) A bad state of nature for the production of tomatoes will shift the supply curve for tomatoes to the
142) $\qquad$
$\qquad$ and $\qquad$ the equilibrium price of tomatoes.
A) left; increase
B) right; decrease
C) right; increase
D) left; decrease
143) If consumers' incomes increase at the same time there is a decrease in the cost to produce granite counter tops, which of the following is true?
A) The equilibrium quantity will increase.
B) The equilibrium quantity will decrease.
C) Both the demand and supply curves will shift to the left.
D) The effect on the equilibrium quantity is ambiguous without more information.
144) If the number of demanders for electric cars increases at the same time as the number of suppliers of electric cars increases, which of the following is true?
A) The equilibrium quantity will increase.
B) The equilibrium quantity will decrease.
C) Both the demand and supply curves will shift to the left.
D) The effect on the equilibrium quantity is ambiguous without more information.
145) If the number of demanders for electric cars increases at the same time as the number of suppliers
146) $\qquad$ of electric cars increases and the shift in demand is equal to the shift in supply, which of the following is true?
A) Both the equilibrium quantity and price will decrease.
B) Both the equilibrium quantity and price will increase.
C) The equilibrium price will decrease and the equilibrium quantity will not change.
D) The equilibrium quantity will increase and the equilibrium price will not change.
147) If the cost to produce frozen chicken nuggets decreases at the same time as consumer tastes shift
148) $\qquad$
$\qquad$
149) $\qquad$ away from frozen chicken nuggets and the shift in demand is greater than the shift in supply, which of the following is true?
A) Both the equilibrium quantity and price will decrease.
B) Both the equilibrium quantity and price will increase.
C) The equilibrium price will decrease and the equilibrium quantity will not change.
D) The equilibrium quantity will decrease and the equilibrium price will increase.
150) If the cost to produce frozen chicken nuggets decreases at the same time as consumer tastes shift away from frozen chicken nuggets and the shift in supply is greater than the shift in demand, which of the following is true?
A) Both the equilibrium quantity and price will decrease.
B) Both the equilibrium quantity and price will increase.
C) The equilibrium price will decrease and the equilibrium quantity will increase.
D) The equilibrium price will decrease and the equilibrium quantity will not change.
151) If the cost to produce frozen chicken nuggets decreases at the same time as consumer tastes shift away from frozen chicken nuggets and the shift in demand is equal to the shift in supply, which of the following is true?
A) Both the equilibrium quantity and price will decrease.
B) Both the equilibrium quantity and price will increase.
C) The equilibrium price will decrease and the equilibrium quantity will increase.
D) The equilibrium price will decrease and the equilibrium quantity will not change
152) If the number of demanders for granite counter tops increases at the same time as the number of suppliers of granite counter tops decreases and the shift in demand is greater than the shift in supply, which of the following is true?
A) Both the equilibrium quantity and price will decrease.
B) Both the equilibrium quantity and price will increase.
C) The equilibrium price will decrease and the equilibrium quantity will not change.
D) The equilibrium price will increase and the equilibrium quantity will increase.
153) If a press release reports that the future price of gasoline is expected to rise and suppliers respond more to the change in the expected future price than demanders, which of the following is true?
A) Both the equilibrium quantity and price will decrease.
B) Both the equilibrium quantity and price will increase.
C) The equilibrium price will increase and the equilibrium quantity will decrease.
D) The equilibrium price will decrease and the equilibrium quantity will increase.
154) If a press release reports that the future price of new homes is expected to decrease and demanders respond more to the change in the expected future price than suppliers, which of the following is true?
A) Both the equilibrium quantity and price will decrease.
B) Both the equilibrium quantity and price will increase.
C) The equilibrium price will decrease and the equilibrium quantity will increase.
D) The equilibrium price will increase and the equilibrium quantity will decrease.
155) If a press release reports that the future price of new homes is expected to decrease and demanders and suppliers respond equally to the change in the expected future price, which of the following is true?
A) Both the equilibrium quantity and price will decrease.
B) Both the equilibrium quantity and price will increase.
C) The equilibrium price will increase and the equilibrium quantity will decrease.
D) The equilibrium price will decrease and the equilibrium quantity will remain the same.

## Demand and Supply Good Z


141) Refer to the figure above. If the number of demanders for Good $Z$ increases at the same time as the number of suppliers of Good Z decreases and the shift in demand is greater than the shift in supply, the equilibrium price will be $\qquad$ than $\$ 100$ and the equilibrium quantity will be
$\qquad$ than 100.
A) greater; greater
B) greater; less
C) less; greater
D) less; less
142) Refer to the figure above. If the number of demanders for Good $Z$ increases at the same time as the number of suppliers of Good $Z$ decreases and the shift in supply is greater than the shift in demand, the equilibrium price will be $\qquad$ than $\$ 100$ and the equilibrium quantity will be
$\qquad$ than 100.
A) greater; greater
B) greater; less
C) less; greater
D) less; less
143) Refer to the figure above. If Good Z is a normal good and consumers' incomes decrease at the same
143)
142) $\qquad$ time as the number of suppliers of Good Z decreases and the shift in supply is greater than the shift in demand, the equilibrium price will be $\qquad$ than $\$ 100$ and the equilibrium quantity will be
$\qquad$ than 100.
A) greater; greater
B) greater; less
C) less; greater
D) less; less
144) Refer to the figure above. If Good $Z$ is a normal good and consumers' incomes decrease at the same
144) $\qquad$ time as the number of suppliers of Good Z decreases and the shift in demand is greater than the shift in supply, the equilibrium price will be $\qquad$ than $\$ 100$ and the equilibrium quantity will be $\qquad$ than 100.
A) greater; greater
B) greater; less
C) less; greater
D) less; less
145) Refer to the figure above. If Good $Z$ is an inferior good and consumers' incomes decrease at the same time as the number of suppliers of Good $Z$ decreases and the shift in demand is greater than the shift in supply, the equilibrium price will be $\qquad$ than $\$ 100$ and the equilibrium quantity will be $\qquad$ than 100.
A) greater; greater
B) greater; less
C) less; greater
D) less; less

## TRUE/FALSE. Write ' $T$ ' if the statement is true and ' F ' if the statement is false.

146) If consumers' preferences move away from candy bars, this will lead to a movement along the demand curve and a shift of the supply curve.
147) A technological advancement in the production of laundry detergent will lead to a decrease in the equilibrium price of laundry detergent and an increase in the equilibrium quantity.
148) If both the demand and the supply curves shift to the left the equilibrium quantity will fall, but the effect on equilibrium price is ambiguous without more information.
149) If the number of demanders for granite counter tops decreases at the same time as the number of suppliers of granite counter tops decreases and the shift in supply is greater than the shift in demand, both the equilibrium price and quantity of granite counter tops will fall.
150) If the number of demanders for granite counter tops decreases at the same time as the number of suppliers of granite counter tops decreases and the shift in demand is equal to the shift in supply, both the equilibrium price and quantity of granite counter tops will fall.

## MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

151) A price ceiling is a $\qquad$ legal price set by the government that causes a $\qquad$ in the market.
152) $\qquad$
A) minimum; surplus
B) minimum; shortage
C) maximum; surplus
D) maximum; shortage
153) All of the following are true of a price ceiling except which one?
A) It creates a deadweight loss.
B) It can lead to black markets.
C) It causes a shortage in the market.
D) It causes a surplus in the market.
154) All of the following are true of a price ceiling except which one?
A) It causes a shortage in the market.
B) It causes buyers search time to increase.
C) It can lead to black markets.
D) It does not create deadweight loss.
$\qquad$
155) $\qquad$
156) A price ceiling is set $\qquad$ the equilibrium quantity and results in a $\qquad$ .
157) 

A) below; shortage
B) above; surplus
C) above; shortage
D) below; surplus
155) All of the following are true of a price ceiling except which one?
A) Suppliers benefit.
B) Suppliers are harmed.
C) Some demanders are harmed.
D) Some demanders benefit.
156) A black market $\qquad$ _.
156)
B) is legal
A) can arise due to a price floor
D) can arise due to a price ceiling
157) All of the following are true of a price ceiling except which one?
A) Some demanders are harmed.
B) A deadweight loss is created.
C) Some demanders benefit.
D) Some suppliers benefit.
158) A price floor is a $\qquad$ legal price set by the government that causes a $\qquad$ in the market.
158)
157) $\qquad$
A) minimum; shortage
B) minimum; surplus
C) maximum; surplus
D) maximum; shortage
159) A price floor $\qquad$ _.
A) is set below the market equilibrium price
B) causes a shortage in the market
C) causes a surplus in the market
D) can lead to black markets
160) If the government removes the surplus that results from an agricultural price floor, $\qquad$ -.
160) $\qquad$
A) all demanders are harmed
B) all demanders benefit
C) all suppliers are harmed
D) some suppliers benefit
161) If the government removes the surplus that results from an agricultural price floor, all producers
161) $\qquad$ receive a $\qquad$ price and all consumers pay a $\qquad$ price than the equilibrium price.
A) higher; higher
B) lower; higher
C) higher; lower
D) lower; lower
162) In product market, households $\qquad$ the product and firms $\qquad$ it.
159) $\qquad$
A) demand; supply
B) supply; supply
C) supply; demand
D) demand; demand
163) In an input market, households $\qquad$ the product and firms $\qquad$ it.
163) $\qquad$
A) supply; demand
B) supply; supply
C) demand; demand
D) demand; supply
164) The labor demand curve is $\qquad$ sloping because there is a $\qquad$ relationship between the
164)
$\qquad$ wage rate and the quantity of labor demanded.
A) upward; negative
B) upward; positive
C) downward; negative
D) downward; positive
165) The labor supply curve is $\qquad$ sloping because there is a $\qquad$ relationship between the wage rate and the quantity of labor supplied.
A) downward; negative
B) downward; positive
C) upward; positive
D) upward; negative
166) When the wage rate rises and nothing else changes, there is $\qquad$ the labor demand curve.
166) $\qquad$
A) movement up
B) right shift
C) left shift
D) movement down
165) $\qquad$
167) When the wage rate falls and nothing else changes, there is $\qquad$ the labor demand curve.
167) $\qquad$
A) movement up
B) right shift
C) left shift
D) movement down
168) When the wage rate rises and nothing else changes, there is $\qquad$ the labor supply curve.
168) $\qquad$
A) right shift
B) movement up
C) movement down
D) left shift
169) $\qquad$
A) right shift
B) movement up
C) movement down
D) left shift
170) The minimum wage $\qquad$ -
170)
A) is a type of price ceiling
B) is the lowest legal wage rate
C) is the highest legal wage rate for low-skilled labor
D) makes the equilibrium wage rate legal
171) All of the following are true for the minimum wage, except which one?
171) $\qquad$
A) It makes the equilibrium wage rate illegal.
B) It is a type of price floor.
C) It is the lowest legal wage rate.
D) It benefits all workers.
172) All of the following are true for the minimum wage, except which one?
A) It creates a shortage of workers.
B) It is a type of price floor.
C) It benefits some workers.
D) It creates a surplus of workers.
173) A minimum wage benefits $\qquad$ workers and harms $\qquad$ employers.
173) $\qquad$
A) all; some
B) all; all
C) some; some
D) some; all

## Labor Market

Wage Rate


## Quantity of hours

174) Refer to the figure above. If the government imposes a minimum wage in this market, the
175) minimum wage will be $\qquad$ than the equilibrium wage rate of $W^{*}$ and will create a $\qquad$ of workers.
A) above; surplus
B) above; shortage
C) below; surplus
D) below; shortage
176) Refer to the figure above. If the government imposes a minimum wage in this market, there will be
177) $\qquad$ a $\qquad$ the labor demand curve and a $\qquad$ the labor supply curve.
A) shift in; shift in
B) shift in; movement along
C) movement along; movement along
D) movement along; shift in
178) Refer to the figure above. If the government imposes a minimum wage in this market, there will be
179) $\qquad$
a $\qquad$ the labor demand curve.
A) movement up
B) movement down
C) leftward shift in
D) rightward shift in
180) Refer to the figure above. If the government imposes a minimum wage in this market, there will be
181) $\qquad$ a $\qquad$ the labor supply curve.
A) movement down
B) movement up
C) rightward shift in
D) leftward shift in
182) Refer to the figure above. If the government imposes a minimum wage in this market, employment
183) workers will benefit. will be $\qquad$ than the equilibrium quantity of hours $Q^{*}$ and $\qquad$
A) less; all
B) greater; some
C) less; some
D) greater; all

## TRUE/FALSE. Write ' $T$ ' if the statement is true and ' $F$ ' if the statement is false.

179) A price ceiling is set above the market equilibrium price.
180) 
181) $\qquad$ ceilings.
182) If the government removes the surplus that results from an agricultural price floor, all demanders are harmed and all suppliers benefit.
183) Changes in the wage rate cause shifts in the labor demand and labor supply curve.
184) $\qquad$

## MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

183) As a result of a change in consumer tastes in favor of your firm's product, you should anticipate a
$\qquad$ price for your product than the current equilibrium price and a $\qquad$ equilibrium quantity than the current equilibrium quantity.
A) higher; higher
B) higher; lower
C) lower; higher
D) lower; lower
184) As a result of an effective advertising campaign for your firm's product, you should anticipate a
$\qquad$ price for your product than the current equilibrium price and a $\qquad$ equilibrium quantity than the current equilibrium quantity.
A) higher; higher
B) higher; lower
C) lower; higher
D) lower; lower
185) As a result of bad state of nature for your firm's product, you should anticipate a $\qquad$ price for your product than the current equilibrium price and a $\qquad$ equilibrium quantity than the current equilibrium quantity.
A) higher; higher
B) higher; lower
C) lower; higher
D) lower; lower
186) As a result of good state of nature for your firm's product, you should anticipate a $\qquad$ price for your product than the current equilibrium price and a $\qquad$ equilibrium quantity than the current equilibrium quantity.
A) higher; higher
B) higher; lower
C) lower; higher
D) lower; lower
187) As a result of an increase in the number of demanders for your firm's product, you should
188) 
189) $\qquad$

$\qquad$ anticipate a $\qquad$ price for your product than the current equilibrium price and a $\qquad$ equilibrium quantity than the current equilibrium quantity.
A) higher; higher
B) higher; lower
C) lower; higher
D) lower; lower
188) As a result of a decrease in the number of demanders for your firm's product, you should anticipate
188) $\qquad$ a $\qquad$ price for your product than the current equilibrium price and a $\qquad$ equilibrium quantity than the current equilibrium quantity.
A) higher; higher
B) higher; lower
C) lower; higher
D) lower; lower
189) As a result of a technology advance in the production of your firm's product, you should anticipate
189) $\qquad$ a $\qquad$ price for your product than the current equilibrium price and a $\qquad$ equilibrium quantity than the current equilibrium quantity.
A) higher; higher
B) higher; lower
C) lower; higher
D) lower; lower
190) If you produce a normal good and consumers' incomes are expected to increase, you should anticipate a $\qquad$ price for your product than the current equilibrium price and a $\qquad$ equilibrium quantity than the current equilibrium quantity.
A) higher; higher
B) higher; lower
C) lower; higher
D) lower; lower
191) If you produce a normal good and consumers' incomes are expected to decrease, you should anticipate a $\qquad$ price for your product than the current equilibrium price and a $\qquad$ equilibrium quantity than the current equilibrium quantity.
A) higher; higher
B) higher; lower
C) lower; higher
D) lower; lower
192) If you produce an inferior good and consumers' incomes are expected to increase, you should anticipate a $\qquad$ price for your product than the current equilibrium price and a equilibrium quantity than the current equilibrium quantity.
A) higher; higher
B) higher; lower
C) lower; higher
D) lower; lower
193) If you produce an inferior good and consumers' incomes are expected to decrease, you should anticipate a $\qquad$ price for your product than the current equilibrium price and a $\qquad$ equilibrium quantity than the current equilibrium quantity.
A) higher; higher
B) higher; lower
C) lower; higher
D) lower; lower
194) As a result of a decrease in the price of a substitute for your firm's product, you should anticipate a
$\qquad$ price for your product than the current equilibrium price and a $\qquad$ equilibrium quantity than the current equilibrium quantity.
A) higher; higher
B) higher; lower
C) lower; higher
D) lower; lower
195) As a result of an increase in the price of a substitute for your firm's product, you should anticipate a
$\qquad$ price for your product than the current equilibrium price and a $\qquad$ equilibrium quantity than the current equilibrium quantity.
A) higher; higher
B) higher; lower
C) lower; higher
D) lower; lower
196) As a result of a decrease in the price of a complement to your firm's product, you should anticipate a $\qquad$ price for your product than the current equilibrium price and a $\qquad$ equilibrium quantity than the current equilibrium quantity.
A) higher; higher
B) higher; lower
C) lower; higher
D) lower; lower
197) As a result of an increase in the price of a complement to your firm's product, you should anticipate
196)
195) $\qquad$
194) $\qquad$
$\square$
197) $\qquad$ a $\qquad$ price for your product than the current equilibrium price and a $\qquad$ equilibrium quantity than the current equilibrium quantity.
A) higher; higher
B) higher; lower
C) lower; higher
D) lower; lower

## Market for Avocados



Your firm produces ready-made guacamole and avocados are the primary ingredient. During a news report, weather forecas announced that there will be a freeze in the region in which your firm buys avocados. This freeze will likely damage many of avocados that are almost ready for harvest.
198) Refer to the figure above. Which of the following is likely to occur as a result of the freeze?
198) $\qquad$
A) The demand curve will shift to the left.
B) The demand curve will shift to the right.
C) The supply curve will shift to the right.
D) The supply curve will shift to the left.
199) Refer to the figure above. As a result of the freeze, the price for avocados will be $\qquad$ than the current equilibrium price and the equilibrium quantity of avocados will be $\qquad$ than the current equilibrium quantity.
A) greater; less
B) less; less
C) greater; greater
D) less; greater
200) Refer to the figure above. As a result of what occurs in the avocado market, your firm should
200) $\qquad$ expect costs to $\qquad$ , which will cause your firm to $\qquad$ supply of ready-made guacamole.
A) decrease; increase
B) decrease; decrease
C) increase; increase
D) increase; decrease
201) Refer to the figure above. As a result of what occurs in the avocado market, which of the following
201) $\qquad$ could benefit your firm?
A) Shift more resources into making ready-made guacamole.
B) Consider methods to increase the amount of avocados needed per container of ready-made guacamole.
C) Explore methods to incorporate more avocados into other products that your firm produces.
D) Explore options to purchase avocados from other sellers located in a different region of the world.

## Market for Eggs



You are a farmer who raises chickens and sells the eggs. A recent news report announced that eggs have a positive health ben improving immunity systems in humans.
202) Refer to the figure above. As a result of the news report, the $\qquad$ curve will shift to the
202) $\qquad$
A) demand; right
B) supply; right
C) demand; left
D) supply; left
203) Refer to the figure above. As a result of the news report, the price of eggs will be $\qquad$ than the
203) $\qquad$ current equilibrium price and the equilibrium quantity of eggs will be $\qquad$ than the current equilibrium quantity.
A) greater; greater
B) less; greater
C) greater; less
D) less; less
204) Refer to the figure above. As a result of news report, which of the following could benefit your firm?
A) Consider approaches to decrease egg production at your farm.
B) Shift resources away from egg production.
C) Consider approaches to increase egg production at your farm.
D) Explore options to sell your chickens.
205) Refer to the figure above. Suppose that at the same time as the news report, you learn that the cost to feed your chickens has fallen. The news report and the change in feed cost will shift the demand curve to the $\qquad$ and the supply curve to the $\qquad$ -.
A) right; left
B) left; right
C) right; right
D) left; left
206) Refer to the figure above. Suppose that at the same time as the news report, you learn that the cost to feed your chickens has fallen. The news report and the change in feed cost will $\qquad$ _.
A) decrease the equilibrium price of eggs, but more information is needed to determine the effect on the equilibrium quantity
B) increase the equilibrium quantity of eggs, but more information is needed to determine the effect on the equilibrium price
C) increase the equilibrium price of eggs, but more information is needed to determine the effect on the equilibrium quantity
D) decrease the equilibrium quantity of eggs, but more information is needed to determine the effect on the equilibrium price
207) The demand and supply model can help managers do all of the following except $\qquad$ .
A) predict changes in the price of their product
B) predict changes in the cost to produce their product
C) increase efficiency in assembly lines
D) increase their firm's profitability

## TRUE/FALSE. Write ' T ' if the statement is true and ' F ' if the statement is false.

208) The demand and supply model gives managers the opportunity to forecast changes in their production costs and the equilibrium price of their product.
209) If you manage a trucking company that transports lumber and the future price of oil is expected to rise, you should anticipate a decrease in market price to transport lumber.
210) The demand and supply model can help managers increase their firm's profitability.
211) If the demand for your firm's product is expected to increase, you should anticipate a drop in the price you are currently receiving for your product.
212) If the demand for your firm's product is expected to decrease, you should anticipate a drop in the price you are currently receiving for your product.
213) $\qquad$
214) $\qquad$
215) $\qquad$
216) $\qquad$
217) $\qquad$
218) $\qquad$
219) $\qquad$
220) $\qquad$
221) $\qquad$

Answer Key
Testname: UNTITLED71

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

Answer Key
Testname: UNTITLED71
51) A
52) $A$
53) A
54) D
55) D
56) TRUE
57) TRUE
58) TRUE
59) FALSE
60) FALSE
61) D
62) C
63) A
64) C
65) C
66) A
67) D
68) D
69) A
70) C
71) B
72) D
73) A
74) D
75) D
76) D
77) B
78) B
79) B
80) A
81) C
82) D
83) B
84) A
85) D
86) FALSE
87) TRUE
88) TRUE
89) TRUE
90) TRUE
91) A
92) B
93) A
94) B
95) C
96) A
97) C
98) B
99) B
100) D

Answer Key
Testname: UNTITLED71
101) A
102) $D$
103) C
104) B
105) D
106) C
107) D
108) A
109) B
110) $D$
111) $D$
112) B
113) $A$
114) D
115) B
116) TRUE
117) FALSE
118) TRUE
119) FALSE
120) TRUE
121) D
122) $D$
123) B
124) B
125) C
126) A
127) C
128) $B$
129) $C$
130) A
131) $A$
132) A
133) D
134) A
135) C
136) D
137) B
138) C
139) A
140) D
141) $A$
142) $B$
143) B
144) $D$
145) A
146) FALSE
147) TRUE
148) TRUE
149) FALSE
150) FALSE

Answer Key
Testname: UNTITLED71
151) D
152) D
153) $D$
154) A
155) A
156) D
157) D
158) $B$
159) C
160) A
161) A
162) $A$
163) A
164) C
165) C
166) A
167) D
168) B
169) C
170) B
171) $D$
172) A
173) $D$
174) A
175) C
176) A
177) B
178) $C$
179) FALSE
180) FALSE
181) TRUE
182) FALSE
183) A
184) A
185) B
186) C
187) A
188) D
189) C
190) A
191) $D$
192) $D$
193) A
194) $D$
195) A
196) A
197) D
198) $D$
199) A
200) D

Answer Key
Testname: UNTITLED71
201) D
202) A
203) A
204) C
205) C
206) B
207) C
208) TRUE
209) FALSE
210) TRUE
211) FALSE
212) TRUE

