



# اقتصاديات الحوسبة

## 12:2

### الأحد 4/7/2021

### أ.د. سليمان سعيد

Faculty of Computers & Information, Assiut University  
1st Level  
Final Exam  
Duration: 2 hours

1. \* الإسم الرباعي (بالعربي فقط).

رانيا مصطفى عبد الجواد على

2. \* رقم الجلوس.

162020220

3. \* المستوي.

☒ الاول

☐ الثاني

☐ الثالث

☐ رابعة 2013

☐ رابعة 2014

☐ رابعة 2015

☐ رابعة 2016

☐ رابعة 2017

4. البرنامج \*

☒ عام

☐ بايو

☐ هندسة

5. رقم المعمل \*

ج<sup>٣</sup> 

6. رقم الكمبيوتر \*

19

7. الكود (قد تمت مراجعة بيانات الطالب ورقم الجلوس) \*

dG7O

8. Demand is defined as  
(3 Points)

- ☐ the hope to buy a particular commodity or service
- ☒ the ability and willingness to buy a particular commodity or service
- ☐ The ability and willingness to sell a particular commodity or service
- ☐ all the above answers are correct

9. Coke and Pepsi are substitutes. When Pepsi Cola advertises on television it is trying to cause  
(3 Points)

- ☐ . a decrease in the supply of Coke
- ☒ an increase in the demand for Pepsi
- ☐ an increase in the supply of Pepsi.
- ☐ None of the above answers is correct

10. If demand increases and supply decreases, what is the effect on equilibrium price and equilibrium quantity?  
(3 Points)

- ☒ The price rises and the quantity might increase, decrease or remain the same.
- ☐ The quantity increases and the price might rise, fall, or remain the same
- ☐ The quantity decreases and the price might rise, fall, or remain the same.
- ☐ The price falls and the quantity might increase, decrease, or remain the same

11. Which of the following would lead to a movement along, but no shift in, the demand curve for spinach? سبانخ  
(3 Points)

- ☐ . a newly discovered increase in the nutritional value of spinach
- ☐ an increase in the price of broccoli, a substitute for spinach

- ☐ an increase in income for all spinach lovers
- ☒ disastrous weather that destroys about half of this year's spinach crop

12. As the price of a pound of peanuts increases, the  
(3 Points)

- ☐ quantity of peanuts supplied will decrease
- ☒ quantity of peanuts supplied will increase
- ☐ supply of peanuts will decrease
- ☐ . supply of peanuts will increase

13. The price elasticity of demand equals  
(3 Points)

- ☒ percentage change in the quantity demanded divided by the percentage change in price of the commodity
- ☐ the slope of the demand curve
- ☐ the inverse of the slope of the demand curve
- ☐ all answers are not correct

14. Which of the following is not a characteristic of a good for which the demand is price elastic?  
(3 Points)

- ☐ the good has many good substitutes
- ☒ the buyer spends a big percentage of his/her total income on the good
- ☐ the good is regarded by consumers as a necessity
- ☐ the period of time for which demand is given is long

15. What is the effect on the price of wooden desks and quantity of wooden desks sold if the price of wood, a resource used to produce wooden desks, decreases?  
(3 Points)

- ☐ The price rises and the quantity might increase, decrease or remain the same
- ☐ The equilibrium quantity of wooden desks increases and the equilibrium price falls
- ☒ The price decreases and the quantity might increase, decrease or remain the same
- ☐ The equilibrium quantity of wooden desks increases and the equilibrium price rises

16. If a good sugar harvest leads to an increase in the price of sugar, there will also be  
(3 Points)

- ☐ a rightward shift in the demand curve for tea
- ☐ a leftward shift of the supply curve of tea
- ☐ an increase in coffee prices as well.
- ☒ a decrease in tea prices

17. The "law of supply" states that, other things remaining the same,  
(3 Points)

- ☐ firms will produce less of a good the more it costs to produce
- ☐ firms will produce more of a good the less it costs to produce it
- ☒ firms will produce more of a good the higher its price.
- ☐ . firms will produce less of a good as the required resources become scarcer.

18. The "law of demand" states that, other things remaining the same, the quantity demanded of any good is  
(3 Points)

- ☐ directly related to the price of other goods
- ☐ directly related to the supply of the good
- ☐ positively related to its price
- ☒ . inversely related to its price

19. Which of the following statements is correct?  
(3 Points)

- ☐ A change in demand and change in quantity demanded means the same.
- ☒ A change in demand means a shift in the demand curve while change in the quantity demanded means a movement along the demand curve.
- ☐ A change in demand means a movement along the demand curve..
- ☐ A change in the quantity demanded means a shift in the demand curve

20. The "law of demand" is illustrated by a  
(3 Points)

- ☐ rightward shift of the demand curve
- ☒ movement along the demand curve
- ☐ leftward shift of the demand curve
- ☐ Both answers A and B are correct

21. If the price of chocolate chip cookies increases, then  
(3 Points)

- ☐ the supply curve of chocolate chip cookies would shift leftward.
- ☐ there would be a movement downward along the supply curve of chocolate chip
- ☐ . the supply curve of chocolate chip cookies would shift rightward

- ☒ there would be a movement upward along the supply curve of chocolate chip cookies

22. If the price of lumber decreases, then, in the market for sawdust  
(3 Points)

- ☐ A. there would be a movement downward along the supply curve for sawdust
- ☒ the supply curve of sawdust shifts rightward
- ☐ the supply curve of sawdust shifts leftward
- ☐ there would be a movement upward along the supply curve for sawdust

23. If demand decreases and supply decreases, what is the effect on equilibrium price and equilibrium quantity?  
(3 Points)

- ☐ The price rises and the quantity might increase, decrease or remain the same.
- ☐ The quantity increases and the price might rise, fall, or remain the same.
- ☐ The quantity decreases and the price might rise, fall, or remain the same
- ☒ The price falls and the quantity might increase, decrease, or remain the same

24. Supply is defined as  
(3 Points)

- ☒ the ability and willingness to offer for sale a certain quantity of commodities
- ☐ the ability and willingness to buy a particular commodity or service
- ☐ The hope to sell something
- ☐ all the above answers are correct

25. If the price of oil increases, the equilibrium price of gasoline and the equilibrium quantity  
(3 Points)

- ☒ . rises; decreases
- ☐ falls; increases
- ☐ rises; increases
- ☐ falls; decreases

26. If technological advances lower the cost of computer chips, in the market for computers the equilibrium price will..... and the equilibrium quantity will.....  
(3 Points)

- ☒ fall; increase
- ☐ rise; increase
- ☐ fall; decrease
- ☐ rise; decrease

27. Perfect competition arises when  
(3 Points)

- ☐ the firm's minimum efficient scale is small relative to market demand.
- ☒ the firm's minimum efficient scale is big relative to market demand
- ☐ when the market has small number of producers
- ☐ when there is only one producer

28. Which of the following will increase the demand for restaurant meals?  
(3 Points)



- ☒ The price of restaurant meals decreases
- ☐ Consumers' income increases and restaurant meals are a normal good
- ☐ Waiters get a pay raise
- ☐ the price of movies, a complement to restaurant meals, increases

29. If the price of tea increases, then in the market for coffee  
(3 Points)

- ☒ the demand curve for coffee would shift rightward
- ☐ there would be a movement downward along the demand curve for coffee.
- ☐ . the demand curve for coffee would shift leftward.
- ☐ there would be a movement upward along the demand curve for coffee

30. The observation that the demand curve for good (A) shifted leftward every time the price of good (B) fell means that good A and good B are  
(3 Points)

- ☐ complements.
- ☒ substitutes.
- ☐ normal goods.
- ☐ inferior goods

31. What happens to the demand for CDs if the price of a CD player decreases?  
(3 Points)

- ☒ The demand for CDs increases because the price of a complement falls
- ☐ The demand for CDs decreases because the price of a complement increase.
- ☐ The demand for CDs decreases because the price of a substitute falls

☐ The demand for CDs remains unchanged

32. If the price of chicken falls, then in the market for beef,  
(3 Points)

- ☐ the demand curve for beef would shift rightward
- ☐ there would be a movement downward along the demand curve for beef
- ☒ the demand curve for beef would shift leftward
- ☐ there would be a movement upward along the demand curve for beef

33. The "increase of quantity demanded" is illustrated by a  
(4 Points)

- ☐ rightward shift of the demand curve
- ☒ movement along the demand curve..
- ☐ leftward shift of the demand curve
- ☐ Both answers A and B are correct

34. Ali buys less juice when his income increases. For Ali juice is  
(3 Points)

- ☒ inferior good
- ☐ normal good
- ☐ substitute
- ☐ complement

35. A decrease in the demand for beef because of concerns over cholesterol will result in  
(3 Points)

- ☐ an offsetting increase in the demand for beef if the price of beef falls
- ☐ higher beef prices
- ☐ . an increase in the supply of beef
- ☒ lower beef prices

36. When a market is not in equilibrium  
(3 Points)

- ☒ . May there is shortage or surplus.
- ☐ everyone has all they want of the commodity in question
- ☐ the supply curve has the same slope as the demand curve
- ☐ the number of buyers is exactly equal to the number of sellers.

37. If the price of wood increases, the equilibrium price of desk ----- and the equilibrium quantity \_\_\_\_\_.  
(3 Points)

- ☒ rises , decreases
- ☐ falls , decreases
- ☐ rises , increases
- ☐ falls , increases

38. A monopoly  
(3 Points)

- ☒ an industry has one producer that produces one good that has no close substitute
- ☐ when there are small number of large firms
- ☐ when there are large number of small firms
- ☐ when there are two producers

39. If the price of goods X is expected to rise  
(3 Points)

- ☒ Supply will increase
- ☐ Supply will decrease
- ☐ . Supply will not change
- ☐ Both A and B are correct

40. When a market is in equilibrium  
(3 Points)

- ☐ there is no automatic tendency for either the supply curve or the demand curve to shift.
- ☐ there is not a surplus at the existing price
- ☐ there is not a shortage at the existing price
- ☒ All of the above answers are correct

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