Assignment

* Name : SaifEldin Hatem AboElmgd
* ID :: 202201244
* Assignment (2) informatics

Review Questions

1. What is an information system? What is the role of feedback in a system?

::> is a set of elements and componets that collect input

1. Explain the main components of computer-based information systems.

::> is set of collection people and databased and software and procedures and hardware and communcations

1. How would you distinguish between e-commerce and e-business?

::> e-commerce is any exchange online and sales and buy and payments in internet ,,e-business is online work or online project like open an online store example :: amazon and shopfiy and OLX.

1. Briefly describe the differences among transaction processing systems, management information systems, and enterprise resource planning systems.

::>TPS is set of people and procedure that record every business transaction ,,MIS is set of people that mange the information of business system,,ERPS is set of program that mange business operations

1. How would you distinguish between Internet, Intranet, and Extranet, and give an example for each one?

::> internet is the globel computer network in the word like www. ,,,intranet is network that allow the people in organization to access to internet ,,Extranet is network that allow people from outside to access to network

1. What is the difference between e-commerce and m-commerce?

::> e-commerce conducting business online ,,m-commerce is like application pay

1. How is system performance measured?

::> easy and understanding and accuracy and completeness and rebilblilty

1. What is a knowledge management system? Give an example.

::> is awareness and understadingof information that made it useful for a specific tasks and support

1. What is a computer-based information system? What are its components?

::> is asset of people and hardware and software and Databased and communcation and procedures

,,,components is like material and procedures

1. What are the components of any information system?

::>People and software and and Databased and made from two file data

1. What is the difference between efficiency and effectiveness?

::> While **efficiency refers to how well something is done, effectiveness refers to how useful something is**

1. Identify the functions of a transaction processing system.

::>TPS is set of people and databased and procedures that record every business payments complete

1. What is the difference between an intranet and an extranet?

::> internet is the globel computer network in the word like www. ,,,intranet is network that allow the people in organization to access to internet

1. What is m-commerce? Describe how it can be used.

::> m-commerce is like application pay and can use in Bmonline and paybal …etc

1. What are the most common types of computer-based information systems used in business organizations today? Give an example of each.

::> TPS and KMS and SCM

1. Describe three applications of virtual reality.

::> VR and XBOX and MATA verce

1. What are computer literacy and information systems literacy? Why are they important?

::> is the knowledge of your computer (software , hardware) and know the way them worked

1. What are some of the benefits organizations seek to achieve through using information systems?

::> can mange and organized the information for the system and easy way to access to the information

1. Identify the steps in the systems development process and state the goal of each.

::> is creating and modifying the system

1. What is the difference between decision support system (DSS) and knowledge management?

::> DDS is set of people and procedures that help manger to make a decision ,,knowledge management is set of people and procedures used to share and store information to the organizations

21. What is the value chain?

::> is set of activities that include inbound logistics and outbound logistics and warehouse and storage and production.

22. What is supply chain management?

::> how many quantites are need to meet customer domand

23. What are organizational change and organizational culture?

::> Organizational culture change occurs when a company alters its processes, values, beliefs and strategic goals

24. List and define the basic organizational structures.

::> Types of organizational structures include functional, divisional and matrix structures

***¨ Complete the following sentences with suitable words.***

1. A(n) \_an information system\_ is a set of interrelated components that collect, manipulate, and disseminate data and information and provide a feedback mechanism to meet an objective.

1. A(n) \_system\_ is a set of elements or components that interact to accomplish a goal.
2. A(n) \_CBIS\_ consists of hardware, software, databases, telecommunications, people, and procedures.
3. \_m-commence\_ involves anytime, anywhere com- merce that uses wireless communications.

5. \_information system literacy\_ literacy is a knowledge of how data and information are used by individuals, groups, and organizations.

6. \_computer literacy\_ literacy is a knowledge of computer systems and equipment and the ways they function.

7. A(n) \_\_computer literacy\_\_ is a formal collection of people and other resources established to accomplish a set of goals.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

¨ ***Choose the correct answer:***

1. Numbers, letters, and other characters are represented by \_\_\_\_\_\_\_\_\_\_\_\_\_.

a. image data

b. numeric data

c. alphanumeric data

d. symmetric data

2. A measure of what is produced divided by what is con- sumed is known as

\_\_\_\_\_\_\_\_\_\_.

a. efficiency

b. effectiveness

c. performance

d. productivity

3. Computer programs that govern the operation of a computer system are called

\_\_\_\_\_\_\_\_\_\_\_\_\_.

a. feedback

b. feedforward

c. software

d. transaction processing systems

4. What is an organized collection of people, procedures, software, databases, and devices used to create, store, share, and use the organization’s experience and knowledge?

a. TPS (transaction processing system)

b. MIS (management information system)

c. DSS (decision support system)

d. KM (knowledge management)

5. What defines the problems and opportunities of the exist- ing system?

a.systems analysis

b. systems review

c. systems development

d. systems design

6. What are the five primary activities of the value chain model?

a. Inbound logistics, Operations, Outbound Logistics, Marketing and Sales, and Technology Development

b. Inbound logistics, Operations, Outbound logistics, Marketing and Sales, and Infrastructure

c. Inbound logistics, Operations, Infrastructure, Human ResourceManagement, and Service

d. Inbound logistics, Operations, Outbound logistics, Marketing and Sales, and Service

7. What are the supporting activities of the value chain model?

a. Infrastructure of the firm, Human Resource department, Technology department, Procurement

b. Infrastructure of the firm, Human Resource department, Technology department, Marketing and Sales

c. Infrastructure of the firm, Service, Technology department, Procurement

d. Inbound Logistics, Procurement, Outbound Logistics, Marketing and Sales, and Service

8. What type of supporting activity is purchasing inputs such as material, Supplies, and equipment?

a. Procurement

b. Inbound Logistics

c. Outbound Logistics

d. Service

9. Which one is not an element in the primary activities of a value chain?

a. Procurement

b. Inbound logistics

c. Outbound logistics

d. Service

10. Authority always flows from

a. Superior to subordinate

b. Subordinate to superior

c. Both ‘a’ and ‘b’

d. None of the above

***¨ State which of the following statement is true or false.***

1.Knowledge workers are usually professionals in science, engineering, business, and other areas.

⃝True ⃝False

2. A specific objective of a system is called effectiveness. ⃝True ⃝False

3. Payroll and order processing are examples of a computerized management information system.

⃝True ⃝False

4.Customer relationship management can help a company determine what supplies and equipment are required for the value chain.

⃝True ⃝False