

• **Answer all Questions:**

First Question: True or false

No. of Branches (10)

(15 /100)

- 1- (.....) when you draw the Data Flow Diagrams, As much as possible, organize the flow from top to bottom and right to left.
- 2- (.....) The data dictionary contains a description of all data elements, data stores, and data flows in a system.
- 3- (.....) Data stores: Represent a temporary or permanent repository of information.
- 4- (.....) In the production cycle, raw materials and labor are transformed into finished goods.
- 5- (.....) A data flow diagram (DFD) graphically describes the flow of data and documents within an organization.
- 6- (.....) Documentation tools help accountants by: Helping new team members understand a pre-existing system.
- 7- (.....) The AIS interacts with external parties, such as customers, vendors, creditors, employees, and governmental agencies.
- 8- (.....) The financing cycle involves interactions with investors and creditors.
- 9- (.....) Documents are used by employees to control operational activities and by managers to make decisions and design strategies.
- 10- (.....) A special journal is used to record routine transactions. The most common special journals are: Cash receipts, Cash disbursements, Credit sales and Credit purchases.

Second Question: Multiple Choice

No. of Branches (10)

(15 /100)

- 1) Which of the following statements is FALSE?
 - A. A flowchart is an analytical technique used to describe some aspect of an information system in a clear, concise, and logical manner.
 - B. Flowcharts use a standard set of symbols to describe pictorially the flow of documents and data through a system.
 - C. A system flowchart is a narrative representation of an information system.
 - D. Flowcharts are easy to prepare and revise when the designer utilizes a flowcharting software package.



- 2) A DFD is a representation of which of the following?
A. relationship among modules, data, and programs of an AIS.
B. flow of data in an organization.
C. decision rules in a computer program.
D. computer hardware configuration.
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- 3) Which of the following is a primary activity in the value chain?
A. Purchasing.
B. post-sales service.
C. accounting.
D. human resource management.
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- 4) Which of the following is a function of AIS?
A. reducing the need to identify a strategy and strategic position
B. transforming data into useful information
C. allocating organizational resources
D. automating all decision making
-
- 5) In which cycle does a company ship goods to customers?
A. production cycle
B. financing cycle
C. revenue cycle
D. expenditure cycle
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- 6) Which transaction cycle includes interactions between an organization and its suppliers?
A. revenue cycle
B. expenditure cycle
C. human resources/payroll cycle
D. general ledger and reporting system
-
- 7) Which of the following is not a means by which information improves decision making?
A. increasing information overload
B. reducing uncertainty
C. providing feedback about the effectiveness of prior decisions
D. identifying situations requiring management action

8) ----- is a graphical description of the relationship among the input, processing, and output in an information system.

- A. Program flowchart
- B. System flowchart
- C. Document flowchart
- D. Data flow diagram

9) ----- requires companies to document their business processes and internal controls.

- A. Program flowchart
- B. System flowchart
- C. Document flowchart
- D. Data flow diagram

10) Which of the following is not one of "FLOW AND MISCELLANEOUS SYMBOLS"?






- A. Terminal
- B. Terminal or Personal Computer
- C. On-page connector
- D. Off-page connector

Third Question: Various questions?

No. of Branches (1)

(30 /100)

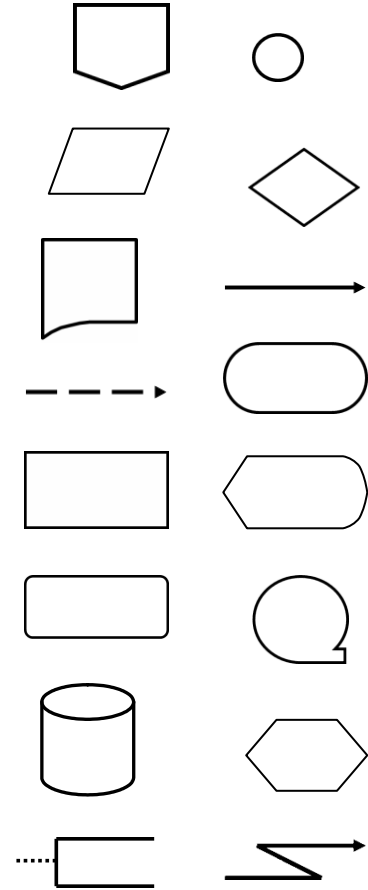
- 1) What are Guidelines for Drawing a Data Flow Diagram? **(15/30)**
- 2) What do these symbols mean? Explain your answer? **(10/30)**

| 1) | 2) | 3) | 4) | 5) |
|---|---|---|---|---|
|  |  |  |  |  |

3) Choose the correct answer?

- **Magnetic disk** symbol represents data stored permanently on a magnetic disk. Frequently used to represent master files and databases.
- **Off-line Keying Operation** symbol represents an operation that uses an off-line keying device, such as a cash register or keying to a disk.
- **Transmittal Tape** symbol represents manually prepared control totals which are to be compared to computer totals for control purposes.
- **Input/Output; Journal/Ledger** symbol can represent any input or output on a program flowchart. Also represents accounting journals or ledgers in a document flowchart.
- **Computer Processing** symbol represents a process performed by a computer, which usually results in a change in data or information
- **Annotation** symbol provides for the addition of descriptive comments or explanatory notes as clarification.
- **Off-page connector** symbol connects the processing flow between two different pages. Signals the exit from one page and the corresponding entrance on another page.
- **Communication Link** symbol represents the transmission of data from one location to another via communication lines.

(5/30)



Fourth Question: Case Study

No. of Branches (1)

(30 /100)

The registrar's office of a small college receives paper enrollment forms from students. They sort these records alphabetically and then update the student record file to show the new classes. They also prepare class lists from the same data. The sorted enrollment forms are forwarded to the bursar's office for billing purposes. Class lists are mailed to faculty members.

- After studying a course on accounting information systems, how to draw the previous case?
 - Data flow diagrams
 - Flowcharts

End of Questions
 Good Luck