

MIDTERM EXAMINATION

Spring 2010

Afaaq_tariq@yahoo.com

Solved By Muhammad Afaaq and Nisha Ishtiaq

With reference including subjective solved

CS507- Information Systems 

Time: 60 min

Marks: 40

Question No: 1 (Marks: 1) - Please choose one

Information should be tailored in accordance with the organization's culture and structure.

► True

Page # 13 from new updated handouts from LMS

Information should be tailored in accordance with the organization's culture and structure.

► False

Question No: 2 (Marks: 1) - Please choose one

The information from the system not used for control purpose called-----

► Open loop system

Page # 20 from new updated handouts

Open-Loop System

The determinant factor in an open loop system is that the information from the system not used for control purpose. This is done by using the output to generate feed back for control purposes

- Closed loop system
- Open end System

Question No: 3 (Marks: 1) - Please choose one

A system is a group of -----that are integrated with the common purpose of achieving an objective.

- ▶ Information
- ▶ Data Sets
- ▶ Elements

Page # 20 from new updated handouts

A system is a group of elements that are integrated with the common purpose of achieving an objective

Question No: 4 (Marks: 1) - Please choose one

With a -----decision environment, there is the possibility of having very quick and very accurate feedback on the decision process.

- ▶ Closed-loop

Page # 26 from new updated handouts

With a closed-loop decision environment, there is the possibility of having very quick and very accurate feedback on the decision process.

- ▶ Open-loop
- ▶ Closed System

Question No: 5 (Marks: 1) - Please choose one

The departmental structures are ----- in banking and financial sector.

- ▶ Different

Page # 47 from new updated handouts

The departmental structures are different in banking and financial sector.

- ▶ Same
- ▶ Mixed

Question No: 6 (Marks: 1) - Please choose one

Information by itself is proving to be the most critical resource for organizations.

► True

Page # 57 from new updated handouts

Information by itself is proving to be the most critical resource for organizations.

► False

Question No: 7 (Marks: 1) - Please choose one

Plans provide a direction but not framework for action.

► True

Page # 67 from new updated handouts

Plans provide a direction and framework for action.

► False

Question No: 8 (Marks: 1) - Please choose one

Prototyping is the process of quickly putting together a working model in order to test various aspects of the design to gather early user feedback.

► True

Page # 89 from new updated handouts

“Prototyping is the process of quickly putting together a working model in order to test various aspects of the design to gather early user feedback.”

► False

Question No: 9 (Marks: 1) - Please choose one

Decision making is the cognitive process of selecting a course of action from among multiple alternatives:

► True

Page # 59 from new updated handouts

Decision making is the cognitive process of selecting a course of action from among multiple alternatives.

► False

Question No: 10 (Marks: 1) - Please choose one

The procedures to follow when decision is needed can be specified in advance

► True

http://webcache.googleusercontent.com/search?q=cache:1FQ4MM_K28YJ:www.scribd.com/doc/396842/Business-Support-Systems+procedures+to+follow+when+decision+is+needed+can+be+specified+in+advance&cd=1&hl=en&ct=clnk&gl=pk&source=www.google.com.pk

Structured *Decisions* - Involve situations where the *procedures to follow* when a *decision is needed can be specified in advance*.

► False

Question No: 11 (Marks: 1) - Please choose one

Companies are investing in data-driven decision support application frameworks to help them respond to

- Changing market conditions
- Customer needs

► TRUE

http://highered.mcgraw-hill.com/sites/0073043559/student_view0/chapter9/true_or_false.html

MCQ # 01

► FALSE

Question No: 12 (Marks: 1) - Please choose one

Board of Directors are elected from _____

- Customers
- [Share holders](#)
- Employees

Question No: 13 (Marks: 1) - Please choose one

In _____ style managers allow employees to take part in decision making.

- ▶ Authoritative
- ▶ Mixed
- ▶ Democratic

Pg:12

4.2.2 Participative

In a Democratic style, the manager allows the employees to take part in decision-making:

Question No: 14 (Marks: 1) - Please choose one
Closed System depends on _____ and data.

▶ Internal resources

- ▶ External resources
- ▶ Procedures.

Pg:24

When we refer to a closed system we talk of a system that is dependant on internal resources and data for decision making rather than external environment.

Question No: 15 (Marks: 1) - Please choose one

The spiral model emphasizes the need to go back and reiterate earlier steps a number of times as the project progresses.

▶ True

- ▶ False

Pg:88

The spiral model emphasizes the need to go back and reiterate earlier steps a number of times as the project progresses.

Question No: 16 (Marks: 1) - Please choose one

System analysis creates the understanding and lays out the necessary relationships that will assist in defining a solution to the problem or the design of the proposed software that will meet the user needs.

▶ True

- ▶ False

Pg:92

• System analysis creates the understanding and lays out the necessary relationships that will assist in defining a solution to the problem or the design of the proposed software that will meet the user needs.

Question No: 17 (Marks: 1) - Please choose one

Information requirements keep varying in accordance with Size of organization, its structure. Is it true?

- ▶ No

▶ Yes

Pg:6

2.4 Organization & Information Requirements

Organizations have various attributes which distinguish them from each other. No two organizations are similar in all respects. There have to have certain distinctive lines

keeping them unique from each other. Information requirements keep varying in accordance with

- Size of organization
- Its structure
- The Culture it follows
- Decision Making Structures
- Interested parties both internal and external

Question No: 18 (Marks: 1) - Please choose one

Accounts should have a control over various recording points in the entire process from procurement to finished goods store room.

▶ True

▶ False

Pg:55

- Accounts and Finance

Accounts should have a control over various recording points in the entire process from procurement to finished good store room.

Question No: 19 (Marks: 1) - Please choose one

Which of the following are the examples of Primary sources?

▶ Commentaries, review articles and literature reviews

▶ Directories, Guidebooks, manuals, Chronologies

▶ Interviews, surveys and fieldwork

▶ None of the

pg:2

Some examples of primary sources:

1. Scientific journal articles reporting experimental research results
2. Proceedings of Meetings, Conferences.
3. Technical reports
4. Dissertations or theses (may also be secondary)
5. Patents
6. Sets of data, such as census statistics
7. Works of literature (such as poems and fiction)
8. Diaries
9. Autobiographies
10. Interviews, surveys and fieldwork

Question No: 20 (Marks: 1) - Please choose one

An information system that automatically generates report on regular basis and are not used to monitor

input or activities is called:

▶ Open loop system

▶ Closed loop system

▶ Closed end System

Pg:20

7.3.1 Open-Loop System

The determinant factor in an open loop system is that the information from the system is not used for control purpose. This is done by using the output to generate feedback for control purposes.

- The output is not coupled to the input for measurement.
- Hence the components of an open loop system do not include a control and feedback mechanism due to non-existence of internally defined objectives. That is,
 - o Input
 - o Process
 - o Output

Example

An information system that automatically generates reports on a regular basis and is not used to monitor input or activities.

Question No: 21 (Marks: 2)

Enlist the types of models used in DSS.

Page 48

Types of Models Used in DSS

- Physical Models
- Narrative Models
- Graphic Models
- Mathematical Models

Question No: 22 (Marks: 2)

Why are prototypes used?

Page 100

Why are prototypes used?

In many fields, there is great uncertainty as to whether a new design will actually do what is desired. New

designs often have unexpected problems. A prototype is built to test the function of the new design before

starting production of a product. Building the full design is often expensive and can be time-consuming. A

prototype allows manufacturers to rapidly and inexpensively test the parts of the design that are most likely

to have problems, solve those problems, and then build the full design.

Question No: 23 (Marks: 3)

Various considerations need to be kept in mind while defining parameters for desired output in system designing. What should be them? Identify any three.

Question No: 24 (Marks: 3)

List any three benefits of CRM.

Benefits of CRM

- Maintains and enhances customer base
- Encourages customer loyalty
- Gaining more customers' wallet-share
- The more effective a company's customer retention and defection management strategy, the

less they need to plug the gap with new customers, who are expensive to recruit.

- CRM help in establishing communication to encourage customers to share information about

their

- Habits,
- Tastes and preferences
- Interests in Co's brand extension initiatives

Question No: 25 (Marks: 5)

Discuss different types of problems we faced in decision making process?

Page 69 (May be u get better answer from the book)

Types of Problems

Nature of problem determines the approach to decision making to be followed to solve it. There are three

broad categories.

- Structured: Well-structured problems are constrained problems with convergent solutions that engage the

application of a limited number of rules and principles within well-defined parameters.

- Unstructured: Problems possess multiple solutions, solution paths, fewer parameters which are less

manipulate able, and contain uncertainty about which concepts, rules, and principles are necessary for the

solution or how they are organized and which solution is best.

- Semi-structured – a gray area lies between the structured and unstructured range. Here part of the

decision can be specified allowing for certain factors out of control.

Question No: 26 (Marks: 5)

Discuss System Analysis in the light of the following points:

1. A technique to map the system under study.
2. To drill down into the various aspects of the business process without losing sight of the complete system.