

# SAD Midterm Exam (Mock Test)

This is a sample test for the Midterm exam on System analysis and design.

Test Date: 8/12/2020

Test Time: 8:30PM

Test Duration: 30Mins

Test Score: 10.

\* Required

Name \*

Alimun Naher

Student ID \*

181 007 042

1. (MCQ)What we use to Supporting a broad spectrum of organizational tasks including decision analysis and decision making. Examples: profit margin by sales region, expenses vs. budgets. \*

1 point

☐ Management Information System (MIS)

☐ Decision Support System (DSS)



- ☒ Expert System (ES)
- ☐ Knowledge Work System (KWS)

1. Functional requirement is? \*

1 point

- ☐ Policy, standard, regulation of a system
- ☐ System behavior of a propose system
- ☒ System Characteristics
- ☐ Developer Choices

What are the main requirements of Scrum \*

1 point

- ☒ Elicit the requirement
- ☐ Validate the system development
- ☐ Creating Product Backlog
- ☐ Testing the propose solution

1. What and Why Information system design??? \*

1 point

- ☒ An IS is human activity (social system) which may or may not involve the use of computer systems
- ☒ Systems analysis and design is a systematic approach to identifying problems, opportunities, and objectives;
- ☒ Analyzing the information flows in organizations; and designing computerized (in this case) information systems to solve a problem





Information system is to view the information system from a system analysis perspective

## 2. Qualities of the Systems Analyst? \*

1 point



Communicator



Self--disciplined and self--motivated



Strong personal and professional ethics



Problem solver

## 3. What are the roles of System Analysis? \*

1 point



Change the system of an organization



Problems and needs of an organization to determine how people, data, process, communications and information technology can best accomplish improvements for the business



Work as an Agent of change for the organizational reform.



Provide the Consultancy service or supporting expert.

## What are the main components of methodology (MCM)? \*

1 point

Techniques, Tools, Models

## Name 4 requirement development activities? \*

1 point

Elicit, Specify, Analyze, Prioritize



### Long Question

Name the seven phases of the Systems development lifecycle and determine which are the main role of the System analyst. As a system analyst which of the lifecycle is most important. Explain your thoughts.

Based on the text above, your fourth question. \*

2 points

1. Identifying problems, opportunities and objectives
2. Determining human information requirements
3. Analyzing system needs
4. Designing the recommended system
5. Developing and documenting software
6. Testing and maintaining the system
7. Implementing and evaluating the system

main roles-

1. Consultant
2. Supporting Expert
3. Agent of change

As per my thought, analyzing system needs is the most important lifecycle which only an expert system analyst can do.

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