CSCI313: Software Engineering-2024FALL-LAB-05A / Week 3 / Quiz 1

Status	Finished
Started	Thursday, 24 October 2024, 3:22 PM
Completed	Thursday, 24 October 2024, 3:32 PM
Duration	10 mins

Question 1
Complete
Marked out of 1.00

What is the primary focus of software engineering?

○ a.   Developing hardware systems

○ b.   Studying theoretical computer science

○ c.   Researching new algorithms

◉ d.   Developing and delivering useful software

Question 2
Complete
Marked out of 1.00

Which of the following is an example of a non-functional requirement?

○ a.   The system should allow users to reset their passwords

○ b.   A user must be able to search for products by category.

◉ c.   The system must handle 100 transactions per second.

○ d.   The system shall allow login via social media accounts.

Question 3

Complete

Marked out of 1.00

which of these is a true statement about software engineering?

○ a.   It is unrelated to system engineering.

○ b.   It focuses only on the technical processes.

◉ c.   It includes project management and development of tools.

○ d.   It excludes customer and market requirements after deployment.

Question 4

Complete

Marked out of 1.00

which is **NOT** a component of software costs?

○ a.   Development

◉ b.   Marketing

○ c.   Maintenance

○ d.   Testing

Question 5

Complete

Marked out of 1.00

Which of the following is NOT a characteristic of the agile methodology?

◉ a.   It requires comprehensive documentation.

○ b.   It embraces change throughout the process.

○ c.   It values customer collaboration.

○ d.   It focuses on rapid delivery.

Question 6

Complete

Marked out of 1.00

What is a key advantage of software prototyping?

- ○ a. It requires no further testing.
- ○ b. It eliminates the need for user feedback.
- ◉ c. It helps explore design options and develop UI designs.
- ○ d. It fully implements the final system.

Question 7

Complete

Marked out of 1.00

What major challenge is facing software engineering today?

- ○ a. Decreasing software demand
- ○ b. Oversaturation of software markets
- ○ c. Lack of skilled programmers
- ◉ d. Coping with increasing diversity and demands for reduced delivery times

Question 8

Complete

Marked out of 1.00

Agile processes differ from plan-driven processes primarily because:

- ○ a. Plan-driven processes never include any documentation.
- ○ b. Agile processes do not involve any customer feedback.
- ○ c. Agile processes are less structured.
- ◉ d. Agile processes allow for incremental planning and are easier to adapt to changing requirements.

Question 9

Complete

Marked out of 1.00

What is a key property of **verifiable non-functional requirements**?

- a.   They are abstract and difficult to implement.
- b.   They only focus on software security.
- ◉ c.   They include specific metrics or measures that can be objectively tested.
- d.   They are general goals that cannot be tested.

Question 10

Complete

Marked out of 1.00

What is a fundamental activity in software engineering?

- ◉ a.   Software specification
- b.   Purchasing software
- c.   Software testing
- d.   Selling software

Juhayna Square,
26th of July Corridor,
El Sheikh Zayed,
Giza, Egypt
16453