

[Home](#) > [Courses](#) > [Campus based Instruction](#) > [Non-Specific Programs](#) > [\(hidden\)](#) > [S2-23\\_SEZG544](#) > [General](#) > [Quiz 1](#)**Status** Finished**Started** Wednesday, 21 February 2024, 7:23 AM**Completed** Wednesday, 21 February 2024, 7:34 AM**Duration** 11 mins 3 secs**Grade** 4.60 out of 5.00 (92%)**Question 1**

Correct

Mark 0.20 out of 0.20

Scenario: A product owner decides to prioritize delivering a minimum viable product (MVP) to customers to gather feedback early in the development process. Which Agile principle does this decision align with?

- ☐ a. Working software over comprehensive documentation.
- ☒ b. Delivering working software frequently, with a preference for the shortest timescale. ✓
- ☐ c. Responding to change over following a plan.
- ☐ d. Customer collaboration over contract negotiation.

The correct answer is: Delivering working software frequently, with a preference for the shortest timescale.

**Question 2**

Correct

Mark 0.20 out of 0.20

A simple way of looking at the spiral software life-cycle model is as a waterfall model with each phase proceeded by::

- ☐ a. Build-and-fix
- ☐ b. Testing
- ☐ c. Freezing
- ☐ d. Synchronization
- ☒ e. Risk analysis ✓

The correct answer is: Risk analysis

**Question 3**

Correct

Mark 0.20 out of 0.20

From the list below, identify a project that is most suitable for Agile methods.::

- ☐ a. Building a bridge
- ☐ b. Constructing a skyscraper
- ☐ c. Developing a new operating system
- ☒ d. Developing a mobile application with evolving user requirements ✓

The correct answer is: Developing a mobile application with evolving user requirements

#### Question 4

Correct

Mark 0.20 out of 0.20

Scenario: A software development team embraces a culture of continuous improvement, regularly reflecting on their processes and seeking opportunities for refinement. Which Agile principle does this practice embody?

- ☐ a. Welcome changing requirements, even late in development. Agile processes harness change for the customer's competitive advantage.
- ☒ b. At regular intervals, the team reflects on how to become more effective, then tunes and adjusts its behavior accordingly.
- ☐ c. Delivering working software frequently, with a preference for the shortest timescale.
- ☐ d. Responding to change over following a plan.



The correct answer is: At regular intervals, the team reflects on how to become more effective, then tunes and adjusts its behavior accordingly.

#### Question 5

Correct

Mark 0.20 out of 0.20

Which one of these is NOT an XP practice?

- ☐ A. A. Test Driven Development
- ☐ B. C. Pair Programming
- ☐ C. E. Refactoring
- ☐ D. D. Continuous Integration
- ☒ E. B. Extreme Reviews

Your answer is correct.

The correct answer is:  
B. Extreme Reviews

#### Question 6

Correct

Mark 0.20 out of 0.20

Match the following characteristics with the appropriate software development approach.

Adaptive to changing requirements	Agile	✓
Emphasis on customer collaboration	Agile	✓
Detailed project planning upfront	Waterfall	✓

The correct answer is: Adaptive to changing requirements → Agile, Emphasis on customer collaboration → Agile, Detailed project planning upfront → Waterfall

## Question 7

Correct

Mark 0.20 out of 0.20

Scenario: During a project retrospective meeting, team members discuss ways to improve collaboration and communication within the team. Which Agile principle emphasizes the importance of this activity?

- ☐ a. Working software over comprehensive documentation.
- ☐ b. Customer collaboration over contract negotiation.
- ☐ c. Responding to change over following a plan.
- ☒ d. Individuals and interactions over processes and tools. ✓

The correct answer is: Individuals and interactions over processes and tools.

## Question 8

Correct

Mark 0.20 out of 0.20

Select the decision-making model that emphasizes the need for different management approaches based on the complexity of a project.

- ☐ a. Agile Manifesto
- ☒ b. Cynefin framework ✓
- ☐ c. Spiral Model
- ☐ d. Waterfall Model

The correct answer is: Cynefin framework

## Question 9

Correct

Mark 0.20 out of 0.20

Scenario: A software development team is working on a project with strict regulatory requirements. Despite these constraints, the team strives to deliver value to the customer by focusing on the most important features first. Which Agile principle does this approach exemplify?

- ☐ a. Welcome changing requirements, even late in development. Agile processes harness change for the customer's competitive advantage.
- ☒ b. Delivering working software frequently, with a preference for the shortest timescale. ✓
- ☐ c. Individuals and interactions over processes and tools.
- ☐ d. Customer collaboration over contract negotiation.

The correct answer is: Delivering working software frequently, with a preference for the shortest timescale.

### Question 10

Correct

Mark 0.20 out of 0.20

Select all the roles in Scrum.

- ☒ A. Scrum Master ✓
- ☐ B. Business Analyst
- ☒ C. Product Owner ✓
- ☐ D. Project Manager
- ☒ E. Development Team ✓

Your answer is correct.

The correct answers are:

Scrum Master,

Product Owner,

Development Team

### Question 11

Correct

Mark 0.20 out of 0.20

Scenario: In a software development project, the team encounters technical challenges that require innovative solutions. They decide to experiment with different approaches to find the most effective solution. Which Agile principle encourages this experimentation?

- ☐ a. Delivering working software frequently, with a preference for the shortest timescale.
- ☒ b. Welcome changing requirements, even late in development. Agile processes harness change for the customer's competitive advantage. ✓
- ☐ c. Responding to change over following a plan.
- ☐ d. Customer collaboration over contract negotiation.

The correct answer is: Welcome changing requirements, even late in development. Agile processes harness change for the customer's competitive advantage.

### Question 12

Correct

Mark 0.20 out of 0.20

Match the following: Match the software development lifecycle phase with its primary focus

Testing	Ensuring the software meets quality standards. ✓
Implementation	Developing code and implementing features. ✓
Requirements Analysis	Understanding user needs and defining system requirements. ✓
Design	Creating detailed specifications and plans. ✓

Your answer is correct.

The correct answer is:

Testing → Ensuring the software meets quality standards.,

Implementation → Developing code and implementing features.,

Requirements Analysis → Understanding user needs and defining system requirements.,

Design → Creating detailed specifications and plans.

## Question 13

Correct

Mark 0.20 out of 0.20

Which of the following could be a deliverable for a software system?::

- ☐ a. Reference Manual
- ☐ b. Requirements Document
- ☒ c. All of the above ✓
- ☐ d. User's Guide
- ☐ e. Source Code

The correct answer is: All of the above

## Question 14

Correct

Mark 0.20 out of 0.20

In the context of Agile development, what is the primary focus of the Cynefin framework?

- ☐ a. Identifying the critical path for project completion.
- ☒ b. Understanding the complexity of problems and adapting management approaches. ✓
- ☐ c. Sequencing tasks in a linear order.
- ☐ d. Implementing a strict plan without deviation.

The correct answer is: Understanding the complexity of problems and adapting management approaches.

## Question 15

Correct

Mark 0.20 out of 0.20

Match the Scrum ceremony with its description.

Sprint Planning	Discuss progress with stakeholders and prioritize the backlog	✓
Daily Scrum	Plan the work for the day and synchronize the team	✓
Sprint Retrospective	Reflect on team processes and identify improvements	✓
Sprint Review	Review the completed work and gather feedback	✓

Your answer is correct.

The correct answer is:

Sprint Planning → Discuss progress with stakeholders and prioritize the backlog,

Daily Scrum → Plan the work for the day and synchronize the team,

Sprint Retrospective → Reflect on team processes and identify improvements,

Sprint Review → Review the completed work and gather feedback

## Question 16

Correct

Mark 0.20 out of 0.20

The three pillars of empirical process control are-:

- ☐ a. Planning, Demonstration, Retrospective
- ☐ b. Respect For People, Kaizen, Eliminating Waste
- ☐ c. Planning, Inspection, Adaptation
- ☐ d. Transparency, Eliminating Waste, Kaizen
- ☒ e. Inspection, Transparency, Adaptation ✓

The correct answer is: Inspection, Transparency, Adaptation

## Question 17

Correct

Mark 0.20 out of 0.20

What is the primary difference between Agile and Waterfall methodologies?

- ☐ a. Agile does not involve project management.
- ☒ b. Agile promotes iterative development and flexibility, while Waterfall follows a sequential approach. ✓
- ☐ c. Agile is more expensive than Waterfall.
- ☐ d. Waterfall allows for more adaptability than Agile.

The correct answer is: Agile promotes iterative development and flexibility, while Waterfall follows a sequential approach.

## Question 18

Correct

Mark 0.20 out of 0.20

Which of the following best describes Scrum?

- ☐ A. Scrum is a traditional project management methodology.
- ☐ B. Scrum is a type of software development tool.
- ☒ C. Scrum is an agile framework for managing and developing products ✓
- ☐ D. Scrum is primarily used for marketing projects.

Your answer is correct.

The correct answer is:

Scrum is an agile framework for managing and developing products

## Question 19

Correct

Mark 0.20 out of 0.20

In the context of project decision-making, what does Stacey's Complexity Model primarily focus on?

- ☐ a. Strict adherence to a predefined plan.
- ☐ b. Predictability and control.
- ☒ c. Recognizing different degrees of complexity and adapting management styles accordingly. ✓
- ☐ d. Maximizing return on investment.

The correct answer is: Recognizing different degrees of complexity and adapting management styles accordingly.

## Question 20

Correct

Mark 0.20 out of 0.20

Scenario: A software development team is facing difficulties in adapting to changing requirements throughout the project. Despite initial planning, stakeholders frequently request modifications to the software. What Agile principle is most relevant to address this challenge?

- ☐ a. Working software over comprehensive documentation.
- ☐ b. Customer collaboration over contract negotiation.
- ☒ c. Responding to change over following a plan. ✓
- ☐ d. Individuals and interactions over processes and tools.

The correct answer is: Responding to change over following a plan.

## Question 21

Incorrect

Mark 0.00 out of 0.20

Scenario: A software development team is working on a project where the requirements are constantly evolving due to changing market trends. To accommodate these changes, the team maintains close collaboration with stakeholders to ensure the product remains aligned with customer needs. Which Agile principle does this scenario exemplify?

- ☐ a. Individuals and interactions over processes and tools.
- ☐ b. Customer collaboration over contract negotiation.
- ☐ c. Delivering working software frequently, with a preference for the shortest timescale.
- ☒ d. Welcome changing requirements, even late in development. Agile processes harness change for the customer's competitive advantage. ✗

The correct answer is: Customer collaboration over contract negotiation.

## Question 22

Correct

Mark 0.20 out of 0.20

Which project would be best suited for the Spiral model in iterative development?

- ☐ a. A construction project to build a standard office building.
- ☐ b. Developing a website with a fixed set of features.
- ☐ c. A simple mobile app with well-defined requirements.
- ☒ d. A project with high risk and uncertainty that requires frequent risk assessment. ✓

The correct answer is: A project with high risk and uncertainty that requires frequent risk assessment.

## Question 23

Correct

Mark 0.20 out of 0.20

Scenario: A software development team is struggling to deliver the expected features within the planned timeframe due to technical constraints. The team decides to prioritize simplicity in design and implementation to ensure timely delivery. Which Agile principle does this approach reflect?

- ☐ a. Delivering working software frequently, with a preference for the shortest timescale.
- ☒ b. Simplicity—the art of maximizing the amount of work not done—is essential. ✓
- ☐ c. Responding to change over following a plan.
- ☐ d. Customer collaboration over contract negotiation.

The correct answer is: Simplicity—the art of maximizing the amount of work not done—is essential.

## Question 24

Incorrect

Mark 0.00 out of  
0.20

Scenario: In a software development project, the team encounters conflicting opinions on the best approach to solving a technical problem. They decide to engage in open and honest discussions to reach a consensus and move forward. Which Agile principle is demonstrated in this scenario?

- ☐ a. Working software over comprehensive documentation.
- ☐ b. Build projects around motivated individuals. Give them the environment and support they need, and trust them to get the job done.
- ☐ c. Welcome changing requirements, even late in development. Agile processes harness change for the customer's competitive advantage.
- ☒ d. Responding to change over following a plan. ❌

The correct answer is: Build projects around motivated individuals. Give them the environment and support they need, and trust them to get the job done.

## Question 25

Correct

Mark 0.20 out of  
0.20

Select all that apply: Which are examples of early iterative models in software development?

- ☐ a. Crystal
- ☒ b. Spiral ✔️
- ☐ c. Stacey's Complexity Model
- ☒ d. Rational Unified Process (RUP) ✔️

The correct answers are: Spiral, Rational Unified Process (RUP)

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