

### Question 1

A team is implementing Agile principles in their project. Which of the following actions align with the Agile Manifesto? (Select all that apply)

Question 1 Answer

- a.  
Emphasizing process and tools over individual interactions
- b.  
Focusing on delivering working software over comprehensive documentation
- c.  
Evaluating contract negotiation over customer collaboration
- d.  
Prioritizing customer satisfaction through early and continuous delivery

### Feedback

The correct answers are: Focusing on delivering working software over comprehensive documentation, Prioritizing customer satisfaction through early and continuous delivery

### Question 2

What is the primary reason for adopting Agile methods in software development?

Question 2 Answer

- a.  
To reduce project timelines
- b.  
To increase team size
- c.  
To respond to change and uncertainty
- d.  
To reduce project costs

### Feedback

The correct answer is: To respond to change and uncertainty

### Question 3

Match the scenario with the corresponding Lean Software Development principle it best represents.

The team eliminates steps in the process that do not add value

The team delivers small, incremental updates to the product frequently

The team collaborates closely with stakeholders to understand what is important

The team regularly reviews and optimizes their development process

Answer 1 Question 3 Choose... Deliver fast. Optimize the whole. Amplify learning. Remove waste.

Answer 2 Question 3 Choose... Deliver fast. Optimize the whole. Amplify learning. Remove waste.

Answer 3 Question 3 Choose... Deliver fast. Optimize the whole. Amplify learning. Remove waste.

Answer 4 Question 3 Choose... Deliver fast. Optimize the whole. Amplify learning. Remove waste.

### Feedback

The correct answer is: The team eliminates steps in the process that do not add value → Remove waste., The team delivers small, incremental updates to the product frequently → Deliver fast., The team collaborates closely with stakeholders to understand what is important → Amplify learning., The team regularly reviews and optimizes their development process → Optimize the whole.

#### Question 4

What are the benefits of Agile methods? (Select all that apply)

Question 4Answer

- a. Predictable project outcomes
- b. Enhanced customer satisfaction
- c. Faster time-to-market
- d. Improved team collaboration

#### Feedback

The correct answers are: Improved team collaboration, Enhanced customer satisfaction, Faster time-to-market

#### Question 5

Match the following projects with the suitable development approach

Developing a complex software system with multiple stakeholders	Answer 1 Question 5Choose...WaterfallAgile
Developing a mobile app with unclear requirements	Answer 2 Question 5Choose...WaterfallAgile
Creating a website with well defined requirements	Answer 3 Question 5Choose...WaterfallAgile
Building a bridge with precise specifications	Answer 4 Question 5Choose...WaterfallAgile

#### Feedback

The correct answer is: Developing a complex software system with multiple stakeholders → Agile, Developing a mobile app with unclear requirements → Agile, Creating a website with well defined requirements → Waterfall, Building a bridge with precise specifications → Waterfall

#### Question 6

Your team has been asked to follow Agile principles closely. Which of the following actions are in alignment with Agile principles?

Question 6Answer

- a. Reflecting at regular intervals to become more effective.
- b. Focusing on comprehensive documentation before starting development.
- c. Holding daily stand-ups to ensure effective communication.
- d.

Delivering working software in short, iterative cycles.

e.

Prioritizing contract negotiation over customer collaboration.

**Feedback**

The correct answers are: Delivering working software in short, iterative cycles., Holding daily stand-ups to ensure effective communication., Reflecting at regular intervals to become more effective.

**Question 7**

The basic project management life cycle includes initiation, planning, execution, monitoring and control, and closure.

Question 7Answer

True

False

**Feedback**

The correct answer is 'True'.

**Question 8**

During a project, the team realizes that their customer is available only once a month for feedback. Which Agile principle is most at risk if this situation continues?

Question 8Answer

a.

Welcome changing requirements, even late in development.

b.

Simplicity—the art of maximizing the amount of work not done—is essential.

c.

The best architectures, requirements, and designs emerge from self-organizing teams.

d.

Business people and developers must work together daily throughout the project.

**Feedback**

The correct answer is: Business people and developers must work together daily throughout the project.

**Question 9**

Which of the following are characteristics of the Agile mindset?

Question 9Answer

a.

Emphasis on comprehensive documentation

b.

Continuous improvement

c.

Responding to change

d.

Following strict procedures

**Feedback**

The correct answers are: Responding to change, Continuous improvement

Question **10**

The Agile mindset values individual interactions and customer collaboration over processes and tools, while the bureaucratic mindset values processes and documentation.

Question 10Answer

True

False

Feedback

The correct answer is 'True'.

Question **11**

In Stacey's Complexity Model, which area is Agile best suited for?

Question 11Answer

a.

The simple zone where everything is well understood.

b.

The chaotic zone where immediate action is needed.

c.

The complex zone where requirements and technology are unclear.

d.

The complicated zone where expert knowledge is required.

Feedback

The correct answer is: The complex zone where requirements and technology are unclear.

Question **12**

In Scrum, the Daily Stand-up is a time-boxed meeting that should last no more than 15 minutes regardless of the team size.

Question 12Answer

True

False

Feedback

The correct answer is 'True'.

Question **13**

What is the primary difference between Agile and Waterfall methods?

Question 13Answer

a.

Agile is iterative, while Waterfall is sequential

b.

Agile focuses on people, while Waterfall focuses on processes

c.

Agile is suitable for small projects, while Waterfall is suitable for large projects

d.

Agile prioritizes speed, while Waterfall prioritizes quality

Feedback

The correct answer is: Agile is iterative, while Waterfall is sequential

Question **14**

A project team is focused on keeping their code base as clean and maintainable as possible, which aligns with the Agile principle of maximizing the amount of work not done.

Question 14 Answer

True

False

Feedback

The correct answer is 'False'.

Question **15**

Match the scenario with the Agile principle it best represents.

- |   |  |
|---|--|
| The team collaborates daily with the customer to clarify requirements     | Answer 1 Question 15 Choose... Deliver working software frequently, from a couple of weeks to a couple of months. At regular intervals, the team reflects on how to become more effective. Our highest priority is to satisfy the customer through early and continuous delivery of valuable software. Business people and developers must work together daily throughout the project. |
| The team delivers a working product every two weeks                       | Answer 2 Question 15 Choose... Deliver working software frequently, from a couple of weeks to a couple of months. At regular intervals, the team reflects on how to become more effective. Our highest priority is to satisfy the customer through early and continuous delivery of valuable software. Business people and developers must work together daily throughout the project. |
| The team spends time after each iteration to discuss what can be improved | Answer 3 Question 15 Choose... Deliver working software frequently, from a couple of weeks to a couple of months. At regular intervals, the team reflects on how to become more effective. Our highest priority is to satisfy the customer through early and continuous delivery of valuable software. Business people and developers must work together daily throughout the project. |
| The team decides to incorporate user feedback in every sprint             | Answer 4 Question 15 Choose... Deliver working software frequently, from a couple of weeks to a couple of months. At regular intervals, the team reflects on how to become more effective. Our highest priority is to satisfy the customer through early and continuous delivery of valuable software. Business people and developers must work together daily throughout the project. |

Feedback

The correct answer is: The team collaborates daily with the customer to clarify requirements → Business people and developers must work together daily throughout the project., The team delivers a working product every two weeks → Deliver working software frequently, from a couple of weeks to a couple of months., The team spends time after each iteration to discuss what can be improved → At regular intervals, the team reflects on how to become more effective., The team decides to incorporate user feedback in every sprint → Our highest priority is to satisfy the customer through early and continuous delivery of valuable software.

Question **16**

A team is using the Kanban methodology and notices a significant increase in the Work In Progress (WIP) on their Kanban board. What should be their first step to address this issue?

Question 16Answer

- a. Prioritize work based on the age of the items in the queue.
- b. Identify and remove bottlenecks in the process flow.
- c. Add more team members to reduce the workload.
- d. Increase the WIP limit to accommodate the additional work.

Feedback

The correct answer is: Identify and remove bottlenecks in the process flow.

Question **17**

Match the project lifecycle model to its key characteristic.

Incremental	Answer 1 Question 17Choose...Strict adherence to original plansFlexibility in scope and changes based on learningAdding functional components in stagesContinuous refinement and feedback
Adaptive	Answer 2 Question 17Choose...Strict adherence to original plansFlexibility in scope and changes based on learningAdding functional components in stagesContinuous refinement and feedback
Predictive	Answer 3 Question 17Choose...Strict adherence to original plansFlexibility in scope and changes based on learningAdding functional components in stagesContinuous refinement and feedback
Iterative	Answer 4 Question 17Choose...Strict adherence to original plansFlexibility in scope and changes based on learningAdding functional components in stagesContinuous refinement and feedback

Feedback

The correct answer is: Incremental → Adding functional components in stages, Adaptive → Flexibility in scope and changes based on learning, Predictive → Strict adherence to original plans, Iterative → Continuous refinement and feedback

Question **18**

Your team is practicing Extreme Programming (XP). Which of the following practices would be aligned with XP methodologies?

Question 18Answer

- a. Test-driven development (TDD).
- b. Continuous integration.
- c. Quarterly release cycles.
- d. Extensive upfront design.

e.  
Pair programming.

Feedback

The correct answers are: Pair programming., Continuous integration., Test-driven development (TDD).

Question **19**

In the Cynefin framework, which domain is most appropriate for applying Agile methodologies?

Question 19Answer

- a.  
Obvious
- b.  
Complicated
- c.  
Complex
- d.  
Chaotic

Feedback

The correct answer is: Complex

Question **20**

A team is using Kanban methodologies. What should they use to track work items?

Question 20Answer

- a.  
Kanban board
- b.  
Task board
- c.  
Product backlog
- d.  
Sprint backlog

Feedback

The correct answer is: Kanban board

Question **21**

Match the Agile principles with their corresponding descriptions.

Customer satisfaction	Answer 1 Question 21Choose...Prioritize customer satisfactionWelcome changing requirements, even late in developmentDeliver working software frequentlyEmphasize simplicity and maximize work not done
Welcome changing requirements	Answer 2 Question 21Choose...Prioritize customer satisfactionWelcome changing requirements, even late in developmentDeliver working software frequentlyEmphasize simplicity and maximize work not done
Deliver working software	Answer 3 Question 21Choose...Prioritize customer satisfactionWelcome changing requirements, even late in developmentDeliver working software frequentlyEmphasize simplicity and maximize work not done

Simplicity      Answer 4 Question 21 Choose... Prioritize customer satisfaction Welcome changing requirements, even late in development Deliver working software frequently Emphasize simplicity and maximize work not done

**Feedback**

The correct answer is: Customer satisfaction → Prioritize customer satisfaction, Welcome changing requirements → Welcome changing requirements, even late in development, Deliver working software → Deliver working software frequently, Simplicity → Emphasize simplicity and maximize work not done

**Question 22**

Match the Scrum ceremonies with their purposes

Daily stand-up      Answer 1 Question 22 Choose... Inspect and adapt Improve process Review progress Set sprint goals

Sprint retrospective      Answer 2 Question 22 Choose... Inspect and adapt Improve process Review progress Set sprint goals

Sprint planning      Answer 3 Question 22 Choose... Inspect and adapt Improve process Review progress Set sprint goals

Sprint review      Answer 4 Question 22 Choose... Inspect and adapt Improve process Review progress Set sprint goals

**Feedback**

The correct answer is: Daily stand-up → Review progress, Sprint retrospective → Improve process, Sprint planning → Set sprint goals, Sprint review → Inspect and adapt

**Question 23**

A team is using Scrum methodologies. Who should assign tasks to team members?

Question 23 Answer

- a. Product Owner
- b. No one (team members self-assign tasks)
- c. Scrum Master
- d. Team members

**Feedback**

The correct answer is: No one (team members self-assign tasks)

**Question 24**

A software development team is working on a project with a fixed deadline and scope. However, the customer requests a significant change in the requirements. Which Agile principle should guide the team's response?

Question 24 Answer

- a. Deliver working software frequently, from a couple of weeks to a couple of months
- b. Welcome changing requirements, even late in development
- c. Customer satisfaction through early and continuous delivery



d.  
Business people and developers must work together daily

Feedback

The correct answer is: Welcome changing requirements, even late in development

Question **25**

What is a critical advantage of using the Agile Suitability Framework in project management?

Question 25Answer

- a.  
It helps determine if Agile is the appropriate approach for a given project.
- b.  
It mandates the use of Scrum in all project situations.
- c.  
It provides detailed templates for project documentation.
- d.  
It ensures that all team members follow the Agile manifesto strictly.

Feedback

The correct answer is: It helps determine if Agile is the appropriate approach for a given project.