

# Scrum

## Exam Questions PSM-I

Professional Scrum Master I



#### NEW QUESTION 1

True or False: The purpose of a Sprint Is to produce a valuable useful Increment.

- A. True
- B. False

**Answer:** A

#### Explanation:

According to the Scrum Guide, the purpose of a Sprint is to produce a valuable useful Increment that meets the Definition of Done and the Sprint Goal. This means that the Developers work on items from the Product Backlog that deliver value to the stakeholders and align with the product vision. The other option is not valid, as it implies that producing an Increment is not the purpose of a Sprint.

#### NEW QUESTION 2

Which of the following are true about the length of the Sprint? (Choose two.)

- A. The length of the Sprint should be proportional to the work that is done in between Sprints.
- B. It is best to have Sprints of consistent length throughout a development effort.
- C. Sprint length is determined during Sprint Planning, and should hold the time it will take to code the planned features in the upcoming Sprint, but does not include time for any testing.
- D. Sprint length is determined during Sprint Planning, and should be long enough to make sure the Development Team can deliver what is to be accomplished in the upcoming Sprint.
- E. All Sprints must be 1 month or less.

**Answer:** BE

#### Explanation:

The correct answers are B and E, because these statements are true about the length of the Sprint. It is best to have Sprints of consistent length throughout a development effort, as this helps establish a reliable rhythm and cadence for the Scrum Team and the stakeholders. All Sprints must be one month or less, as this ensures that the Scrum Team can inspect and adapt frequently and deliver value incrementally.

#### NEW QUESTION 3

A Scrum Master is keeping a list of open impediments, but it is growing and they have been able to resolve only a small portion of the impediments. Which two techniques would be most helpful in this situation? (Choose two.)

- A. Discuss the impediments with the Development Team.
- B. Prioritize the list and work on them in order.
- C. Arrange a triage meeting with all project managers.
- D. Add each open impediment to the Product Backlog.

**Answer:** AB

#### Explanation:

Two techniques that would be most helpful in this situation are to discuss the impediments with the Development Team, and to prioritize the list and work on them in order, as stated in [3]: "The Scrum Master should facilitate a discussion with the Development Team to identify and prioritize the impediments that are blocking their progress. The Scrum Master should then work with the Development Team and other stakeholders to remove or mitigate these impediments as soon as possible."

#### NEW QUESTION 4

Who is responsible for collaboration with stakeholders? (choose the best answer)

- A. The Business Analyst.
- B. The Scrum Team.
- C. The Team Manager.
- D. The Project Manager.
- E. The Developers.

**Answer:** B

#### NEW QUESTION 5

How is management external to the Scrum Team involved in the Daily Scrum?

- A. The Scrum Master speaks on their behalf.
- B. The Development Team self-manages and is the only management required at the Daily Scrum.
- C. Management gives an update at the start of each Daily Scrum.
- D. The Product Owner represents their opinions.

**Answer:** B

#### Explanation:

According to the Scrum Guide<sup>1</sup>, the Daily Scrum is an event for the Developers of the Scrum Team. The purpose of the Daily Scrum is to inspect progress toward the Sprint Goal and adapt the Sprint Backlog as necessary, adjusting the upcoming planned work. The Daily Scrum optimizes the probability that the Developers will meet the Sprint Goal. Every day, the Developers should understand how they intend to work together as a self-organizing team to accomplish the Sprint Goal and create the anticipated Increment by the end of the Sprint. Management external to the Scrum Team is not involved in the Daily Scrum, as they may interfere with the self-management and empowerment of the Developers.

References: Scrum Guide

#### NEW QUESTION 6

Who starts the Daily Scrum?

- A. The person coming in last
- B. This encourages people to be on time and helps to stay within the time-box.
- C. Whoever the Development Team decides should start.
- D. The person who has the token.
- E. The Scrum Master
- F. This ensures that the Development Team has the meeting and stays within the time-box.
- G. The person who last broke the build.

**Answer:** B

#### Explanation:

According to the Scrum Guide<sup>1</sup>, during each Daily Scrum, each Developer answers three questions:

- What did I do yesterday that helped meet our Sprint Goal?
- What will I do today to help meet our Sprint Goal?
- Do I see any impediment that prevents me or our Development Team from meeting our Sprint Goal? The Developers can select whatever structure and techniques they want, as long as their Daily Scrum focuses on progress toward achieving their Sprint Goal and producing a usable Increment. The Developers can start with any one person and proceed in any order.

References: Scrum Guide

#### NEW QUESTION 7

When a Development Team is having trouble delivering a working Increment because they don't understand a functional requirement, what should they do?

- A. Add a specialist to the Development Team.
- B. Partially complete the functionality, and discuss the remaining work at the Sprint Review.
- C. Collaborate with the Product Owner to determine what is possible and acceptable.
- D. Defer the work to a more appropriate Sprint.

**Answer:** C

#### Explanation:

The correct answer is C, because when a Development Team is having trouble delivering a working Increment because they don't understand a functional requirement, they should collaborate with the Product Owner to determine what is possible and acceptable. The Scrum Guide states that "the Product Owner is responsible for maximizing the value of the product resulting from work of the Development Team. How this is done may vary widely across organizations, Scrum Teams, and individuals." Therefore, the Product Owner should clarify the functional requirement and negotiate the scope of work with the Development Team.

#### NEW QUESTION 8

When does a Developer become accountable for an item in the sprint Backlog? (choose the best answer)

- A. During the Daily Scrum
- B. Never as Developers on the Scrum Team share accountability for items in the
- C. As soon as a Developer on the Scrum Team can accommodate more work
- D. At Sprint Planning when all of the Sprint Backlog items are split evenly across the Developers

**Answer:** B

#### Explanation:

A Developer becomes accountable for an item in the Sprint Backlog never as Developers on the Scrum Team share accountability for items in the Sprint Backlog, as stated in the Scrum Guide: "The Developers can select whatever items they want as long as they feel they can complete the work by the end of the Sprint. The Scrum Team is responsible for all estimates. The Product Owner may influence the Developers by helping them understand and select trade-offs, but the people who will perform the work make the final estimate."

#### NEW QUESTION 9

Who is responsible for managing the progress of work during a Sprint?

- A. The Scrum Master.
- B. The Development Team.
- C. The Product Owner.
- D. The most junior member of the Team.

**Answer:** B

#### Explanation:

The correct answer is B, because the Development Team is responsible for managing the progress of work during a Sprint. The Scrum Guide states that "the Development Team tracks this total work remaining at least for every Daily Scrum to project the likelihood of achieving the Sprint Goal. By tracking the remaining work throughout the Sprint, the Development Team can manage its progress."

#### NEW QUESTION 10

Who should know the most about the progress toward a business objective or a release?

- A. The Project Manager.
- B. The Scrum Master.
- C. The Development Team.
- D. The Product Owner.

**Answer:** D

**Explanation:**

The Product Owner should know the most about the progress toward a business objective or a release, as stated in the Scrum Guide: “The Product Owner is responsible for maximizing the value of the product resulting from work of the Development Team. How this is done may vary widely across organizations, Scrum Teams, and individuals.”

**NEW QUESTION 10**

True or False: Multiple scrum Teams working on the same product must have the same Sprint start date.

- A. True
- B. False

**Answer:** B

**Explanation:**

According to the Scrum Guide, multiple Scrum Teams working on the same product do not have to have the same Sprint start date. They may start their Sprints at different times, as long as they synchronize their work and integrate their Increments at least by the end of each Sprint. The other option is not valid, as it implies that having the same Sprint start date is mandatory for multiple Scrum Teams.

**NEW QUESTION 14**

Currently, your Development Teams are organized to address a single layer only (for example, front end, middle tier, back end, and interfaces). What are three things to consider when deciding to move away from such component teams toward feature teams? (Choose three.)

- A. You cannot do Scrum without feature teams.
- B. Productivity may suffer when making this kind of move.
- C. Getting support from the business side first helps.
- D. Feature teams have less communication overhead.
- E. With feature teams, it is easier to calculate the productivity per team.

**Answer:** BCD

**Explanation:**

The correct answers are B, C, and D, because moving away from component teams toward feature teams may involve some challenges and trade-offs. Productivity may suffer when making this kind of move, as teams need to learn new skills, coordinate with other teams, and deal with legacy code. Getting support from the business side first helps, as they can provide the vision, value, and feedback for the features. Feature teams have less communication overhead, as they can deliver end-to-end functionality without depending on other teams.  
References: [Suggested Reading for Professional Scrum Master™ I]

**NEW QUESTION 18**

When multiple Scrum Teams are working on a single product, what best describes the Definition of Done?  
(choose the best answer)

- A. Each Scrum Team uses its own, but must make their definition clear to all other teams so the differences are known.
- B. The Scrum Masters from each Scrum Team define a common Definition of Done.
- C. When multiple Scrum Teams are working together on a product, they must mutually define and comply with the same Definition of Done.
- D. Each Scrum Team defines and uses its own
- E. The differences are discussed and reconciled during a hardening Sprint.

**Answer:** C

**Explanation:**

The best answer is C. When multiple Scrum Teams are working on a single product, they must mutually define and comply with the same Definition of Done<sup>1</sup>. This ensures that the product has a consistent level of quality and that the Increments delivered by different teams can be integrated seamlessly. Having different Definitions of Done for each team can lead to confusion, rework, and technical debt. The Scrum Guide says that the Definition of Done is a formal description of the state of the Increment when it meets the quality measures required for the product<sup>2</sup>. Therefore, it is not something that can be decided by the Scrum Masters alone (B) or left to each team’s discretion (A and D).

**NEW QUESTION 20**

The Sprint Goal is a result of Sprint Planning, as is the Sprint Backlog.

- A. True
- B. False

**Answer:** A

**Explanation:**

According to the Scrum Guide<sup>1</sup>, the Sprint Goal is an objective set for the Sprint that can be met through the implementation of Product Backlog. It provides guidance to the Developers on why it is building the Increment. It also provides a basis for inspecting and adapting during the Sprint Review and Sprint Retrospective. The Sprint Goal is a result of Sprint Planning, as is the Sprint Backlog.  
References: Scrum Guide

**NEW QUESTION 21**

True or False Developers do not meet with stakeholders: only the Product Owner meets with stakeholders

- A. True
- B. False

**Answer:** B

**Explanation:**

According to the Scrum Guide, Developers do meet with stakeholders, especially during the Sprint Review and Sprint Planning events. The Product Owner is the primary person who interacts with stakeholders, but Developers also need to communicate with them to understand their needs, expectations, and feedback. The Product Owner may also invite stakeholders to provide clarifications or inputs during the Sprint.

**NEW QUESTION 24**

During a Sprint Retrospective, the Development Team proposes moving the Daily Scrum to only occur on Tuesdays and Thursdays. Which two are the most appropriate responses for the Scrum Master? (Choose two.)

- A. Consider the request and decide on which days the Daily Scrum should occur.
- B. Coach the team on why the Daily Scrum is important as an opportunity to update the plan.
- C. Have the developers vote.
- D. Learn why the Development Team wants this and work with them to improve the outcome of the Daily Scrum.
- E. Acknowledge and support the self-organizing team's decision.

**Answer:** BD

**Explanation:**

The correct answers are B and D, because these are the most appropriate responses for the Scrum Master. The Scrum Master should coach the team on why the Daily Scrum is important as an opportunity to update the plan, inspect the progress, and synchronize the activities of the Development Team. The Scrum Master should also learn why the Development Team wants this and work with them to improve the outcome of the Daily Scrum, rather than imposing a decision or accepting their request without question.

**NEW QUESTION 26**

Multiple Scrum Teams working on the same product or system all select work from the same Product Backlog.

- A. True
- B. False

**Answer:** A

**Explanation:**

According to the Scrum Guide<sup>1</sup>, when multiple Scrum Teams are working together on one product, they must coordinate their work with each other. One way to do this is through Nexus, a framework for scaling Scrum. Nexus helps to reduce cross-team dependencies and integration issues by making them more transparent. Multiple Scrum Teams working on one product use one Product Backlog.

References: Scrum Guide, Nexus Guide

**NEW QUESTION 27**

A Development Team is required to deliver a done Increment by the end of a Sprint. Select two statements that explain what "Done" means. (Choose two.)

- A. All work the Development Team is willing to do.
- B. Ready for integration.
- C. No work left from the definition of "Done".
- D. Whatever the Product Owner defines as quality.
- E. All work to create software that is ready to be released to end users.

**Answer:** CE

**Explanation:**

The correct answers are C and E, because these statements explain what "Done" means. No work left from the definition of "Done" means that all Product Backlog items selected for a Sprint meet the quality criteria agreed upon by the Scrum Team. All work to create software that is ready to be released to end users means that the Increment is potentially releasable at any time during the Sprint.

**NEW QUESTION 29**

Which best describes the Product Backlog?

- A. It is allowed to grow and change as more is learned about the product and its customers.
- B. It provides just enough information to enable a Scrum team to start the design phase of a product.
- C. It contains all foreseeable tasks and requirements from which the Scrum team can develop and maintain a complete project plan.
- D. It is baselined to follow change management processes.

**Answer:** A

**Explanation:**

According to the Scrum Guide, the Product Backlog is an ordered list of everything that is known to be needed in the product. It is allowed to grow and change as more is learned about the product and its customers. The other options are not accurate descriptions of the Product Backlog, as they are either too restrictive (such as providing just enough information or baselining to follow change management processes) or too comprehensive (such as containing all foreseeable tasks and requirements or enabling a complete project plan).

**NEW QUESTION 34**

Marian is the Product Owner envisioning a project for a new release of her product. She made a projection of a release date based upon a sustained velocity of 17 completed units of work per Sprint. Over the first 3 Sprints, the average velocity was 13 for work that the Development Team estimated as 90% done. The Development Teams, feeling the need to meet the plan, figured that a velocity of 17 was within their reach.

A good way to continue is:



- A. The Development Team makes sure that all of the selected scope per Sprint is as “Done” as possible. The undone work is estimated and added to the Sprint Backlog of the next Sprint, so it doesn’t mess up the Product Backlog.
- B. Add enough people to the Development Team for the deadline to be made.
- C. The opportunity to inspect and adapt is lost.
- D. Opacity has replaced transparency.
- E. Predictability has dropped below zero.
- F. The produced software is not usable.
- G. As the rules of Scrum have not been respected, it is the Scrum Master's duty to assess whether repair is possible, or a restart with a more reliable team.
- H. If not, the Scrum Master should cancel the project.
- I. The Development Team should remind Marian to find funding for enough Release Sprints in which the remaining work can be done.

**Answer:** A

**Explanation:**

According to the Scrum Guide<sup>1</sup>, each Increment is additive to all prior Increments and thoroughly verified, ensuring that all Increments work together. In order to provide value, the Increment must be usable. Multiple Increments may be created within a Sprint. The sum of the Increments is presented at the Sprint Review thus supporting empiricism. However, an Increment may be delivered to stakeholders prior to the end of the Sprint. The Sprint Review should never be considered a gate to releasing value. Therefore, a good way to continue is for the Development Team to make sure that all of the selected scope per Sprint is as “Done” as possible. The undone work is estimated and added to the Sprint Backlog of the next Sprint, so it doesn’t mess up the Product Backlog.

References: Scrum Guide

**NEW QUESTION 39**

When does the next Sprint begin?

- A. When the Product Owner is ready.
- B. Immediately after the conclusion of the previous Sprint.
- C. The Monday following the Sprint Review.
- D. Immediately following the next Sprint Planning.

**Answer:** B

**Explanation:**

The next Sprint begins immediately after the conclusion of the previous Sprint, as stated in the Scrum Guide: “Sprints have consistent durations throughout a development effort. A new Sprint starts immediately after the conclusion of the previous Sprint.”

**NEW QUESTION 44**

Who has the final decision about the order of items in the Product Backlog? (Choose the best answer.)

- A. The Stakeholders.
- B. The Product Owner.
- C. The Scrum Team.
- D. The Scrum Master.
- E. The Developers.

**Answer:** B

**Explanation:**

According to the Scrum Guide, the Product Owner has the final decision about the order of items in the Product Backlog, as he or she is responsible for maximizing the value of the product and the work of the Development Team. The other roles do not have this authority, although they may provide input and suggestions to the Product Owner.

**NEW QUESTION 45**

Which statement best describes the Sprint Review?

- A. It is used to congratulate the Development Team if it did what it forecast, or to punish the Development Team if it failed to meet its forecast.
- B. It is a demo at the end of the Sprint for everyone in the organization to check on the work done.
- C. It is a mechanism to control the Development Team's activities during a Sprint.
- D. It is when the Scrum Team and stakeholders inspect the outcome of a Sprint and figure out what to do next.

**Answer:** D

**Explanation:**

The correct answer is D, because this statement best describes the Sprint Review. The Scrum Guide states that “a Sprint Review is held at the end of the Sprint to inspect the Increment and adapt the Product Backlog if needed. During the Sprint Review, the Scrum Team and stakeholders collaborate about what was done in the Sprint.” Therefore, the Sprint Review is when the Scrum Team and stakeholders inspect the outcome of a Sprint and figure out what to do next.

**NEW QUESTION 47**

What is the recommended size for a Scrum Team? (Choose the best answer.)

- A. At least 7.
- B. 9
- C. 10 or fewer.
- D. 7 plus or minus 3.

**Answer:** C

**Explanation:**

The recommended size for a Scrum Team is 10 or fewer people, as stated in the Scrum Guide: “The recommended size of a Scrum Team is small enough to remain nimble and large enough to complete significant work within a Sprint, typically 10 or fewer people.”

#### NEW QUESTION 51

Which answer best describes the topics covered in Sprint Planning?

- A. What to do and who will do it.
- B. How conditions have changed and how the Product Backlog should evolve.
- C. What can be done and how to do it.
- D. What went wrong in the last Sprint and what to do differently this Sprint.
- E. Who is on the team and what team member roles will be.

**Answer:** C

#### NEW QUESTION 54

Which two things are appropriate for a Scrum Master to do if the Development Team doesn't have the engineering tools and infrastructure to completely finish each selected Product Backlog item? (Choose two.)

- A. Coach the Development Team to improve its skills, tools, and infrastructure over time and adjust the Definition of “Done” accordingly.
- B. Encourage the Product Owner to accept partially “Done” increments until the situation improves.
- C. Refocus the current Sprint on establishing the Development Team's infrastructure instead of delivering an increment.
- D. Declare the Development Team not ready for Scrum.
- E. Have the Development Team establish a Definition of “Done” that is actually possible to achieve given current circumstances.

**Answer:** AE

#### Explanation:

According to the Scrum Guide<sup>1</sup>, the definition of “Done” is a formal description of the state of the Increment when it meets the quality measures required for the product. The definition guides the Development Team in creating a “Done” Increment. The definition of “Done” is created by the development organization (or Development Team if none is available from the development organization). The definition of “Done” may vary significantly per Scrum Team, depending on the context. One aspect of Scrum Teams inspecting how they work toward their Product Goal is that they improve their definition of “Done” over time. Therefore, two things that are appropriate for a Scrum Master to do if the Development Team doesn't have the engineering tools and infrastructure to completely finish each selected Product Backlog item are:

- Coach the Development Team to improve its skills, tools, and infrastructure over time and adjust the Definition of “Done” accordingly.
- Have the Development Team establish a Definition of “Done” that is actually possible to achieve given current circumstances.

#### NEW QUESTION 57

Which two things should the Scrum Team do during the first Sprint?  
(choose the best two answers)

- A. Define the major product features and a release plan architecture.
- B. Build at least one piece of valuable functionality.
- C. Create at least one valuable, useful Increment
- D. Make up a plan for the rest of the project
- E. Analyze, describe, and document the requirements for the subsequent Sprints.

**Answer:** BC

#### Explanation:

According to the Scrum Guide, two things that the Scrum Team should do during the first Sprint are building at least one piece of valuable functionality and creating at least one valuable, useful Increment. These are the goals of every Sprint, regardless of its order. The other options are not things that the Scrum Team should do during the first Sprint, as they are either out of scope (such as defining major product features and a release plan architecture or making a plan for the rest of the project) or unnecessary (such as analyzing, describing, and documenting requirements for subsequent Sprints).

#### NEW QUESTION 62

Developers are self-managing, which of the following do they manage? (choose the best answer)

- A. When to release, based on this progress.
- B. Stakeholders for the Sprint Review
- C. Sprint Backlog.
- D. Sprint length
- E. Product Backlog ordering

**Answer:** C

#### Explanation:

According to the Scrum Guide, Developers are self-managing, which means that they manage their own Sprint Backlog. They decide how to organize their work and collaborate effectively to deliver a valuable Increment that meets the Definition of Done and the Sprint Goal. The other options are not valid, as they imply that Developers manage things that are either determined by the Scrum framework (such as Sprint length), by collaboration with other roles (such as when to release or stakeholders for the Sprint Review), or by the Product Owner (such as Product Backlog ordering).

#### NEW QUESTION 66

Who should make sure everyone on the scrum Team does their tasks for the sprint? (choose the best answer)

- A. The Project Manager
- B. The Product Owner
- C. The Scrum Master

- D. The Scrum Team
- E. All of the above

**Answer:** D

**Explanation:**

According to the Scrum Guide, the Scrum Team should make sure that everyone on the team does their tasks for the Sprint, as they are collectively accountable for creating valuable Increments that meet stakeholder needs and expectations. The other options are not valid, as they imply that someone else outside the Scrum Team (such as a project manager) or another role on the Scrum Team (such as the Product Owner or the Scrum Master) is responsible for making sure that everyone does their tasks for the Sprint.

**NEW QUESTION 71**

As the Development Team starts work during the Sprint, it realizes it has selected too much work to finish in the Sprint. What should it do?

- A. Inform the Product Owner at the Sprint Review, but prior to the demonstration.
- B. Find another Scrum Team to give the excess work to.
- C. As soon as possible in the Sprint, work with the Product Owner to remove some work or Product Backlog items.
- D. Reduce the definition of “Done” and get all of the Product Backlog items “Done” by the new definition.

**Answer:** C

**Explanation:**

The correct answer is C, because as soon as possible in the Sprint, the Development Team should work with the Product Owner to remove some work or Product Backlog items if they realize they have selected too much work to finish in the Sprint. The Scrum Guide states that “the Development Team may renegotiate the selected Product Backlog items with the Product Owner. If the Development Team realizes it has too much or too little work, it may renegotiate the selected Product Backlog items with the Product Owner. The Development Team may also invite other people to attend to provide technical or domain advice.”

**NEW QUESTION 75**

What does it mean for a Scrum Team to be cross-functional? (choose the best answer)

- A. The Scrum Team includes not only developers but also business analysts, architects, and testers.
- B. The Scrum Team includes skilled individuals who together have all the skills necessary to create value each Sprint.
- C. Developers on the Scrum Team work closely with business analysts, architects, developers, and testers who are not on the team.
- D. The Scrum Team is a virtual team drawing from separate teams of business analysts, architects, developers, and testers.

**Answer:** B

**Explanation:**

The correct answer is B. The Scrum Team includes skilled individuals who together have all the skills necessary to create value each Sprint. According to the Scrum Guide<sup>1</sup>, “Scrum Teams are cross-functional, meaning the members have all the skills necessary to create value in each Sprint.” This does not mean that every individual has all the skills, but rather that the team as a whole does. Cross-functionality enables the Scrum Team to deliver a potentially releasable Increment of “Done” product at the end of each Sprint, without depending on others outside the team.

**NEW QUESTION 79**

During the Sprint. Me Scrum Master's role is to do which two of the following: (choose the best two answers)

- A. Facilitate inspection and adaptation opportunities as requested or needed
- B. Coaching the team members in self-management
- C. Ensure the Product Owner attends all scrum events.
- D. Escalate team conflicts to functional line managers
- E. Monitor the progress of the Developers
- F. Assign tasks with the Scrum team.

**Answer:** AB

**Explanation:**

During the Sprint, the Scrum Master's role is to facilitate inspection and adaptation opportunities as requested or needed, and to coach the team members in self-management, as stated in 3: “The Scrum Master is accountable for establishing Scrum as defined in the Scrum Guide. They do this by helping everyone understand Scrum theory and practice, both within the Scrum Team and the organization. The Scrum Master is accountable for the Scrum Team's effectiveness. They do this by enabling the Scrum Team to improve its practices, within the Scrum framework.”

**NEW QUESTION 80**

What is the time-box for the Sprint Review?

- A. As long as needed.
- B. 2 hours for a monthly Sprint.
- C. 4 hours for a monthly Sprint.
- D. 4 hours and longer as needed.
- E. 1 day

**Answer:** C

**Explanation:**

According to the Scrum Guide<sup>1</sup>, each event in Scrum is a formal opportunity to inspect and adapt something. These events are specifically designed to enable critical transparency and inspection. Failure to include any of these events results in reduced transparency and is a lost opportunity to inspect and adapt. All events are time-boxed events, such that every event has a maximum duration. Once a Sprint begins, its duration is fixed and cannot be shortened or lengthened. The remaining events may end whenever the purpose of the event is achieved, ensuring an appropriate amount of time is spent without allowing waste in the process. The time-box for the Sprint Review is four hours for a one-month Sprint.



References: Scrum Guide

#### NEW QUESTION 81

What is the best suited structure for Development Teams in order to produce integrated Increments?

- A. Each Development Team works only one technical layer of the system (e.
- B. GUI, database, middle tier, interfaces).
- C. Each Development Team develops functionality from beginning to end throughout all technical layers.

**Answer: B**

#### Explanation:

According to the Scrum Guide<sup>1</sup>, an Increment is a concrete stepping stone toward the Product Goal. Each Increment is additive to all prior Increments and thoroughly verified, ensuring that all Increments work together. In order to provide value, an Increment must be usable. Multiple Increments may be created within a Sprint. The sum of the Increments is presented at the Sprint Review thus supporting empiricism. However, an Increment may be delivered to stakeholders prior to the end of the Sprint. The Sprint Review should never be considered a gate to releasing value. Therefore, in order to produce integrated Increments that are potentially releasable, the best suited structure for Development Teams is to develop functionality from beginning to end throughout all technical layers.

References: Scrum Guide

#### NEW QUESTION 82

Which of the following best describes an increment of working software?

- A. A decomposition of all Product Backlog items into tasks for future Sprint Backlog lists.
- B. Additional features in a usable state that complement those delivered in previous iterations.
- C. A new user interface design for functionality delivered in previous iterations.
- D. An automated test suite to verify functionality delivered in previous iterations.
- E. UML diagrams that describe how to deliver functionality in future iterations.

**Answer: B**

#### Explanation:

According to the Scrum Guide<sup>1</sup>, an Increment is a concrete stepping stone toward the Product Goal. Each Increment is additive to all prior Increments and thoroughly verified, ensuring that all Increments work together. In order to provide value, an Increment must be usable. Multiple Increments may be created within a Sprint. The sum of the Increments is presented at the Sprint Review thus supporting empiricism. However, an Increment may be delivered to stakeholders prior to the end of the Sprint. The Sprint Review should never be considered a gate to releasing value. Therefore, the best description of an increment of working software is additional features in a usable state that complement those delivered in previous iterations.

References: Scrum Guide

#### NEW QUESTION 83

What are two responsibilities of testers in a Development Team? (Choose two.)

- A. Verifying the work of programmers.
- B. Everyone in the Development Team is responsible for quality.
- C. Tracking quality metrics.
- D. Finding bugs.
- E. Scrum has no “tester” role.

**Answer: BE**

#### Explanation:

The correct answers are B and E, because Scrum has no “tester” role and everyone in the Development Team is responsible for quality. The Scrum Guide states that “the Development Team consists of professionals who do the work of delivering a potentially releasable Increment of ‘Done’ product at the end of each Sprint.

Development Teams are structured and empowered by the organization to organize and manage their own work. The resulting synergy optimizes the Development Team’s overall efficiency and effectiveness.”

#### NEW QUESTION 84

When might a Sprint be abnormally cancelled?

- A. When the Development Team feels that the work is too hard.
- B. When the Sprint Goal becomes obsolete.
- C. When the sales department has an important new opportunity.
- D. When it becomes clear that not everything will be finished by the end of the Sprint.

**Answer: B**

#### Explanation:

According to the Scrum Guide<sup>1</sup>, a Sprint can be cancelled before the Sprint time-box is over. Only the Product Owner has the authority to cancel the Sprint, although he or she may do so under influence from the stakeholders, the Developers, or the Scrum Master. A Sprint would be cancelled if the Sprint Goal becomes obsolete. This might occur if the company changes direction or if market or technology conditions change. In general, a Sprint should be cancelled if it no longer makes sense given the circumstances. But, due to the short duration of Sprints, cancellation rarely makes sense.

References: Scrum Guide

#### NEW QUESTION 88

How do you know that a Scrum Team is cross-functional? (Choose the best answer.)

- A. Scrum Team has all the skills to create an increment by the end of every Sprint.
- B. A few of the Development Team members pair program and do Test Driven Development.

- C. There are no conflicts within the Scrum Team.
- D. Every member of the Scrum Team is able to perform every task.

**Answer:** A

#### NEW QUESTION 89

When many Scrum Teams are working on a single product, what best describes the Definition of Done? (Choose the best answer.)

- A. Each Scrum Team defines and uses its own
- B. The differences are discussed and reconciled during a hardening Sprint.
- C. The Scrum Masters from each Scrum Team define a common Definition of Done.
- D. Each Scrum Team uses its own, but must make their definition clear to all other teams so the differences are known.
- E. All Scrum Teams must have a Definition of Done that makes their combined work potentially releasable.

**Answer:** D

#### Explanation:

According to the Scrum Guide, when many Scrum Teams are working on a single product, they must have a Definition of Done that makes their combined work potentially releasable. This ensures that there is a clear and consistent understanding of what “Done” means for the product and that there is no technical debt or unfinished work at the end of each Sprint. The other options are not valid descriptions of the Definition of Done for multiple Scrum Teams, as they either create inconsistency, confusion, or waste (such as having different definitions, discussing and reconciling differences during a hardening Sprint, or having the Scrum Masters define a common Definition of Done).

#### NEW QUESTION 94

What is the recommended size for a Development Team?

- A. 7 plus or minus 3.
- B. At least 7.
- C. 9.
- D. 3 to 9.

**Answer:** D

#### Explanation:

The correct answer is D, because the recommended size for a Development Team is 3 to 9 members. The Scrum Guide states that “fewer than three Development Team members decrease interaction and results in smaller productivity gains. Smaller Development Teams may encounter skill constraints during the Sprint, causing the Development Team to be unable to deliver a potentially releasable Increment. Having more than nine members requires too much coordination. Large Development Teams generate too much complexity for an empirical process to be useful.”

#### NEW QUESTION 96

For the purpose of transparency, when does Scrum say a new increment of working software must be available?

- A. After the acceptance testing phase.
- B. Before the release Sprint.
- C. Every 3 Sprints.
- D. At the end of every Sprint.
- E. When the Product Owner asks to create one.

**Answer:** D

#### Explanation:

According to the Scrum Guide<sup>1</sup>, an Increment is a concrete stepping stone toward the Product Goal. Each Increment is additive to all prior Increments and thoroughly verified, ensuring that all Increments work together. In order to provide value, an Increment must be usable. Multiple Increments may be created within a Sprint. The sum of the Increments is presented at the Sprint Review thus supporting empiricism. However, an Increment may be delivered to stakeholders prior to the end of the Sprint. The Sprint Review should never be considered a gate to releasing value. For the purpose of transparency, when does Scrum say a new increment of working software must be available? At the end of every Sprint.

References: Scrum Guide

#### NEW QUESTION 99

When is the Sprint Backlog created?

- A. At the beginning of the project.
- B. During the Sprint Planning meeting.
- C. Prior to the Sprint Planning meeting.
- D. During the Sprint.

**Answer:** B

#### Explanation:

The correct answer is B, because the Sprint Backlog is created during the Sprint Planning meeting. The Scrum Guide states that “the Sprint Backlog is the set of Product Backlog items selected for the Sprint, plus a plan for delivering the product Increment and realizing the Sprint Goal.”

#### NEW QUESTION 101

Who determines how work is performed during the Sprint?

- A. Architects.
- B. The Development Team.

- C. The Scrum Master.
- D. Subject matter experts.
- E. Development Team managers.

**Answer:** B

**Explanation:**

The correct answer is B, because the Development Team determines how work is performed during the Sprint. The Scrum Guide states that “development Teams are self-organizing. No one (not even the Scrum Master) tells the Development Team how to turn Product Backlog into Increments of potentially releasable functionality.” Therefore, the Development Team has the autonomy and responsibility to organize and manage its own work.

**NEW QUESTION 106**

When Does a Developer become accountable for the value of a Product Backlog item selected for the Sprint? (choose the best answer)

- A. Never The entire Scrum Team is accountable for creating value every Sprint.
- B. At the Sprint Planning Event
- C. Whenever a team member can accommodate more work.
- D. During the Daily Scrum

**Answer:** B

**Explanation:**

According to the Scrum Guide, a Developer becomes accountable for the value of a Product Backlog item selected for the Sprint at the Sprint Planning event. This is when the Developers select items from the Product Backlog that they can commit to complete within a Sprint. The Developers are then responsible for creating a valuable Increment that meets the Definition of Done and the Sprint Goal. The other options are not valid, as they either imply that Developers are not accountable for value (such as never or whenever), or that they become accountable at a different time (such as during the Daily Scrum).

**NEW QUESTION 108**

Which two things should the Development Team do during the first Sprint? (Choose two.)

- A. Make up a plan for the rest of the project.
- B. Analyze, describe, and document the requirements for the subsequent Sprints.
- C. Develop at least one piece of functionality.
- D. Define the major product features and release plan architecture
- E. Create an increment of potentially releasable software.

**Answer:** CE

**Explanation:**

According to the Scrum Guide, the Development Team should do two things during the first Sprint: develop at least one piece of functionality and create an increment of potentially releasable software. These are the goals of every Sprint, regardless of its order. The other options are not things that the Development Team should do during the first Sprint, as they are either out of scope (such as making a plan for the rest of the project or defining major product features and release plan architecture) or unnecessary (such as analyzing, describing, and documenting requirements for subsequent Sprints).

**NEW QUESTION 113**

When many Development Teams are working on a single product, what best describes the definition of “Done”? (Choose the best answer.)

- A. Each Development Team defines and uses its own
- B. The differences are discussed and reconciled during a hardening Sprint.
- C. It depends.
- D. Each Development Team uses its own but must make their definition clear to all other teams so the differences are known.
- E. All Development Teams must have a definition of “Done” that makes their combined work potentially releasable.

**Answer:** D

**Explanation:**

When many Development Teams are working on a single product, the definition of “Done” must be shared by all Development Teams and make their combined work potentially releasable, as stated in [4]: “When multiple teams work together on one product they must mutually define and comply with the same Definition of Done. This makes sure all Increments adhere to a consistent quality level.”

**NEW QUESTION 114**

One of the Scrum events is the Daily Scrum. What are two intended outcomes of the Daily Scrum? (Choose two.)

- A. A shared understanding of the most important work to be undertaken next to achieve the best possible progress toward the Sprint goal.
- B. An update of completed tasks and of the remaining work so the Scrum Master can plan the next day.
- C. A status report for the upper management indicating what each individual has done, will be doing, and what is impending him/her.
- D. An updated Scrum board to make Sprint progress transparent for the stakeholders.
- E. New impediments for the Scrum Master to take care of.

**Answer:** AE

**Explanation:**

According to the Scrum Guide, two intended outcomes of the Daily Scrum are a shared understanding of the most important work to be undertaken next to achieve the best possible progress toward the Sprint goal, and new impediments for the Scrum Master to take care of. The other options are not intended outcomes of the Daily Scrum, as they are either irrelevant (such as updating a Scrum board) or inappropriate (such as providing an update or a status report).

**NEW QUESTION 119**

How should a Scrum Team deal with non-functional requirements? (choose the best answer)

- A. Manage them during the Integration Sprint prior to the Release Sprint.
- B. Assign them to the lead developers on the team.
- C. Ensure every Increment meets them.
- D. Make sure the release department understands these requirements, but it is not the Scrum Team's responsibility.

**Answer:** C

**Explanation:**

The best answer is C. Ensure every Increment meets them. Non-functional requirements (NFRs) are system qualities that guide the design of the solution and often serve as constraints across the relevant backlogs<sup>1</sup>. NFRs are persistent qualities and constraints typically revisited as part of the definition of done (DoD) for each Iteration, PI, or release<sup>1</sup>. The Scrum Team should ensure that every Increment meets the NFRs, as they are part of the product requirements and affect the value delivery and customer satisfaction.

**NEW QUESTION 124**

When a Development Team determines that it will not be able to finish the complete forecast, who has to be present when reviewing and adjusting the Sprint work selected? (Choose the best answer.)

- A. The Development Team.
- B. The Product Owner and all stakeholders.
- C. The Product Owner and the Development Team.
- D. The Scrum Master, project manager and Development Team.

**Answer:** C

**Explanation:**

When a Development Team determines that it will not be able to finish the complete forecast, both the Product Owner and the Development Team have to be present when reviewing and adjusting the Sprint work selected, as stated in [6]: “If there is not enough work remaining for all members of a Development Team then they can renegotiate scope with their Product Owner. If there is too much work remaining then they can also renegotiate scope with their Product Owner.”

**NEW QUESTION 127**

How much work must a Development Team do to a Product Backlog item it selects for a Sprint?

- A. A proportional amount of time on analysis, design, programming, testing, and documentation.
- B. As much as it can fit into the Sprint
- C. Any remaining work will be transferred to a subsequent Sprint.
- D. All development work and at least some testing.
- E. As much as it has told the Product Owner will be done for every Product Backlog item it selects in conformance with the definition of “Done”.

**Answer:** D

**Explanation:**

The Development Team must do as much work as it has told the Product Owner will be done for every Product Backlog item it selects in conformance with the definition of “Done”, as stated in the Scrum Guide<sup>1</sup>: “The Development Team works to forecast the functionality that will be developed during the Sprint. The Product Owner discusses the objective that the Sprint should achieve and the Product Backlog items that, if completed in the Sprint, would achieve the Sprint Goal. The entire Scrum Team collaborates on understanding the work of the Sprint.”

**NEW QUESTION 130**

Which two activities will a Product Owner engage in during a Sprint? (Choose two.)

- A. Run the Daily Scrum.
- B. Prioritize the Development Team’s work on the Sprint Backlog.
- C. Update management on what is being worked on.
- D. Answer QUESTION NO:s from the Development Team about items in the current Sprint.

**Answer:** CD

**Explanation:**

According to the Scrum Guide, two activities that a Product Owner may engage in during a Sprint are updating management on what is being worked on and answering questions from the Development Team about items in the current Sprint. These activities are part of the Product Owner’s responsibilities to manage and prioritize the Product Backlog, communicate with stakeholders, and collaborate with the Development Team. The other options are not activities that a Product Owner should engage in during a Sprint, as they are either done by the Scrum Master (such as running the Daily Scrum) or by the Development Team (such as prioritizing their work on the Sprint Backlog).

**NEW QUESTION 134**

Why does the Product Owner want the Development Team to adhere to its definition of “Done”?

- A. To have complete transparency into what has been done at the end of each Sprint.
- B. To be able to reprimand the team when they don’t meet their velocity goal for the Sprint.
- C. To know what the team will deliver over the next three Sprints.
- D. To predict the team’s productivity over time.

**Answer:** A

**Explanation:**

According to the Scrum Guide<sup>1</sup>, the definition of “Done” is a formal description of the state of the Increment when it meets the quality measures required for the product. The definition guides the Development Team in creating a “Done” Increment. The definition of “Done” is created by the development organization (or



Development Team if none is available from the development organization). The definition of “Done” may vary significantly per Scrum Team, depending on the context. One aspect of Scrum Teams inspecting how they work toward their Product Goal is that they improve their definition of “Done” over time. Therefore, one reason why the Product Owner wants the Development Team to adhere to its definition of “Done” is to have complete transparency into what has been done at the end of each Sprint.

References: Scrum Guide

#### NEW QUESTION 137

The Sprint Review is mainly an inspect and adapt opportunity for which group?

- A. The Development Team and stakeholders.
- B. The Product Owner and Development Team.
- C. The Scrum Team and stakeholders.
- D. The Product Owner and management.
- E. The Development Team and management.
- F. The Product Owner and stakeholders.

**Answer:** C

#### Explanation:

According to the Scrum Guide<sup>1</sup>, the Sprint Review is an informal meeting at the end of the Sprint, where the Scrum Team and stakeholders collaborate about what was done in the Sprint. Based on that and any changes to the Product Backlog during the Sprint, attendees collaborate on what to do next. The Product Owner explains what Product Backlog items have been “Done” and what has not been “Done”; the Development Team discusses what went well during the Sprint, what problems it ran into, and how those problems were solved; and the Development Team demonstrates the work that it has “Done” and answers questions about the Increment. The entire group collaborates on what to do next, so that the Sprint Review provides valuable input to subsequent Sprint Planning. The Sprint Review is mainly an inspect and adapt opportunity for the Scrum Team and stakeholders.

References: Scrum Guide

#### NEW QUESTION 139

Why is the Daily Scrum held at the same time and same place?

- A. The consistency reduces complexity.
- B. The place can be named.
- C. The Product Owner demands it.
- D. Rooms are hard to book and this lets it be booked in advance.

**Answer:** A

#### Explanation:

According to the Scrum Guide, the Daily Scrum is held at the same time and same place to reduce complexity and promote consistency. The other options are not valid reasons for holding the Daily Scrum at the same time and same place, as they are either irrelevant (such as naming the place) or incorrect (such as being demanded by the Product Owner or booking rooms in advance).

#### NEW QUESTION 144

As the Sprint Planning meeting progresses, the Development Team sees that the workload is greater than they can handle. Which two are valid actions? (Choose two.)

- A. Recruit additional Development Team members before the work can begin.
- B. The Development Team ensures that the Product Owner is aware, starts the Sprint, and monitors progress.
- C. Cancel the Sprint.
- D. Remove or change selected Product Backlog items.
- E. The Development Team works overtime during this Sprint.

**Answer:** BD

#### Explanation:

The correct answers are B and D, because the Scrum Guide states that “the number of items selected from the Product Backlog for the Sprint is solely up to the Development Team. Only the Development Team can assess what it can accomplish over the upcoming Sprint.” Therefore, the Development Team can remove or change selected Product Backlog items in agreement with the Product Owner if they see that the workload is greater than they can handle. The Development Team should also ensure that the Product Owner is aware of the situation, start the Sprint, and monitor progress.

#### NEW QUESTION 147

During Sprint Planning the Product Owner and the Developers are unable to reach an understanding about the highest order Product Backlog items. Because of this, the Developers are unable to determine how many Product Backlog items they can forecast for the upcoming Sprint. However, the Product Owner and the Developers are able to agree on a Sprint Goal. Which of the following actions should the Scrum Master support? (choose the best two answers)

- A. Cancel the Sprint Send the entire team to an advanced Scrum training and then start a new Sprint
- B. During the next Sprint Retrospective discuss why this happened and what changes will make it less likely to recur.
- C. Continue the Sprint Planning event past its timebox until an adequate number of Product Backlog items are well enough understood for the Developers to make a complete forecast. Then start the Sprint
- D. Forecast the Product Backlog items that are most likely to meet the Sprint Goal and create the Sprint Backlog
- E. Conclude Sprint Planning and start the development work
- F. Continue to analyze, decompose, and create additional functionality during the Sprint
- G. Ask everyone to take as much time as needed to analyze the Product Backlog first, and then reconvene another Sprint Planning meeting.

**Answer:** BD

#### Explanation:

According to the Scrum Guide, two actions that the Scrum Master should support in this scenario are forecasting the Product Backlog items that are most likely to meet the Sprint Goal and creating the Sprint Backlog, and discussing why this happened and what changes will make it less likely to recur during the next Sprint



Retrospective. These actions are consistent with Scrum values and principles, such as empiricism, adaptation, and continuous improvement. The other options are not valid actions, as they are either wasteful (such as canceling the Sprint or continuing the Sprint Planning past its timebox) or ineffective (such as asking everyone to take more time to analyze the Product Backlog).

#### NEW QUESTION 151

What two techniques could the Scrum Master use when the Scrum Team gets caught in an internal disagreement about which development techniques to apply? (Choose two.)

- A. Involve the complete Development Team.
- B. Use coaching techniques; such as open questions and active listening.
- C. Ask an external technical specialist to make the decision.
- D. Send every team member to the company's HR department to express their concerns.

**Answer:** AB

#### **Explanation:**

According to the Scrum Guide<sup>1</sup>, the Developers are self-organizing and decide how to turn Product Backlog items into an Increment of value. No one tells them how to do their work. The Developers are accountable for creating a plan for the Sprint, the Sprint Backlog. The Scrum Master is accountable for establishing Scrum as defined in the Scrum Guide. They do this by helping everyone understand Scrum theory and practice, both within the Scrum Team and the organization. Therefore, when the Scrum Team gets caught in an internal disagreement about which development techniques to apply, two techniques that the Scrum Master could use are:

- Involve the complete Development Team, as they are responsible for managing and refining their own work.
- Use coaching techniques, such as open questions and active listening, to help the Development Team resolve their conflict and reach a consensus.

The other options are not appropriate, as they may undermine the self-organization and empowerment of the Developers.

References: Scrum Guide

#### NEW QUESTION 152

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