



# 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

What is the function or purpose of management in Scrum? (choose the best answer)

- A. To identify and remove people that are not working hard enough.
- B. To monitor the productivity of the Developers.
- C. To present the Scrum Teams with insights and resources that help them improve.
- D. To continually monitor staffing levels of the Scrum Team.

**Answer:** C

#### Explanation:

The best answer is C. The function or purpose of management in Scrum is to present the Scrum Teams with insights and resources that help them improve. According to the article What is the Function or Purpose of Management in Scrum?, management is still critical to providing vision, securing resources, hiring talent, training teams, removing roadblocks, and continuously improving. Management also encourages collaboration and establishes Scrum Team autonomy, which are essential for Scrum's values and principles.

A, B and D are not good answers because they imply a command-and-control approach that contradicts Scrum's values of respect, openness, and self-organization. Management in Scrum is not supposed to micromanage, judge, or interfere with the work of the Developers, but rather support them and enable them to deliver value.

#### NEW QUESTION 3

You have just been hired by a company new to Scrum. Your management has assigned you to be the Scrum Master of six new Scrum Teams. These teams will build one product. Select two conditions you should strive for in this scenario. (Choose two.)

- A. There should be six Product Owners, one for each Scrum Team.
- B. There should be six Product Owners, reporting to a chief Product Owner.
- C. The product has one Product Backlog.
- D. Each Scrum Team should have a separate Product Backlog.
- E. There should be only one Product Owner.

**Answer:** CE

#### Explanation:

The product has one Product Backlog, as it is a single source of requirements for any changes to be made to the product. There should be only one Product Owner, who is accountable for maximizing the value of the product and the work of the Development Team. Having multiple Product Owners or Product Backlogs would create confusion, inconsistency, and waste.

#### NEW QUESTION 4

Which of the following is required by Scrum? (Choose all that apply.)

- A. Sprint Retrospective.
- B. Members must stand up at the Daily Scrum.
- C. Sprint Burndown Chart.
- D. Release planning.
- E. All of the above.

**Answer:** AD

#### Explanation:

Explanation of Correct Answer: According to the Scrum Guide<sup>1</sup>, the only required events in Scrum are Sprint Planning, Daily Scrum, Sprint Review, and Sprint Retrospective. These events enable transparency, inspection, and adaptation. The other options are not mandatory in Scrum, although they may be useful in some contexts.

References: Scrum Guide

#### NEW QUESTION 5

The Product Backlog is ordered by:

- A. The Product Owner with the most valuable items placed at the top.
- B. Risk, where safer items are at the top, and riskier items are at the bottom.
- C. Items are randomly arranged.
- D. Size, where small items are at the top and large items are at the bottom.

**Answer:** A

**Explanation:**

The Product Backlog is ordered by the Product Owner with the most valuable items placed at the top, as stated in [6]: “The Product Owner is responsible for ordering items on their product backlog based on their value to customers and users. Value can be measured by various factors, such as business value, customer satisfaction, risk reduction, learning opportunities, etc. The most valuable items are placed at the top of the product backlog so that they can be delivered sooner by the development team.”

**NEW QUESTION 6**

Which approach is best for Scrum Teams in order to produce valuable Increments? (Choose the best answer.)

- A. Each Developer works on the component where they feel that they can contribute.
- B. Each Scrum Team is accountable for developing functionality from beginning to end.
- C. Each Scrum Team works on an independent set of components.
- D. Each Scrum Member works only as an independent layer of the system.

**Answer:** A

**Explanation:**

According to the Scrum Guide, the best approach for Scrum Teams in order to produce valuable Increments is to have each Developer work on the component where they feel that they can contribute. This means that the Developers can self-organize and collaborate effectively to deliver a valuable Increment that meets the Definition of Done and the Sprint Goal. The other options are not valid approaches, as they either imply that the Developers work in silos or rely on external people (such as developing functionality from beginning to end, working on an independent set of components, or working only as an independent layer of the system).

**NEW QUESTION 7**

Which technique is the best way the Scrum Master can ensure that the Development Team communicates effectively with the Product Owner?

- A. Monitor communications between them and facilitate direct collaboration.
- B. Teach the Development Team to talk in terms of business needs and objectives.
- C. Teach the Product Owner about the technologies employed during the Sprints.
- D. Act as a go-between for them.

**Answer:** A

**Explanation:**

The correct answer is A, because the best way the Scrum Master can ensure that the Development Team communicates effectively with the Product Owner is to monitor communications between them and facilitate direct collaboration. The Scrum Guide states that “the Scrum Master serves the Product Owner in several ways, including ... facilitating Scrum events as requested or needed.” Therefore, the Scrum Master should help the Development Team and the Product Owner interact regularly and productively during the Sprint Planning, Daily Scrum, Sprint Review, and Sprint Retrospective events.

**NEW QUESTION 8**

A Development Team asks their Product Owner to re-order the Product Backlog. The team is waiting for an external supplier to deliver a specific software component. Without that component there won't be enough work in the next Sprint to occupy the full team. The Product Owner asks the Scrum Master for help. What would be good advice to give the Product Owner?

- A. Remind the Product Owner that his primary concern is the flow of value reflected in the ordering of the Product Backlog.
- B. Tell the Product Owner to re-order the Product Backlog so the work involving the external component can be planned in a separate sprint.
- C. Tell the Product Owner that the Product Backlog should be ordered to maximize utilization of the Development Team.

**Answer:** A

**Explanation:**

According to the Scrum Guide<sup>1</sup>, ordering Product Backlog items is solely up to the Product Owner's discretion. The Product Owner orders items in the Product Backlog to best achieve goals and missions. To do this, they optimize value by considering various factors such as cost and benefit, risk, dependencies, date needed, etc.

**NEW QUESTION 9**

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

- A. Involve the complete Scrum Team in making a decision.
- B. Use coaching techniques; such as open QUESTION NO:s and active listening.
- C. Ask an external agile coach what they recommend.
- D. Ask team members to take the issue up with to the company's Human Resources department.

**Answer:** AB

**Explanation:**

Two techniques that the Scrum Master could use when the Scrum Team gets caught in an internal disagreement about which agile practices to apply are to involve the complete Scrum Team in making a decision, and to use coaching techniques such as open questions and active listening, as stated in [3]: “The Scrum Master should facilitate a constructive dialogue among the team members and help them reach a consensus on which agile practices to use. The Scrum Master should also use coaching techniques such as open questions and active listening to understand the underlying needs and motivations of each team member and to help them find common ground.”

**NEW QUESTION 10**

A member of the Development Team takes the Scrum Master aside to express his concerns about data security issues. What should the Scrum Master do?

- A. Add security to the definition of “Done”.

- B. Tell the Product Owner to stop further development of features until the issues are fixed.
- C. Create a Product Backlog item for security.
- D. Go check with the testers.
- E. Ask the person to share the issue with the team as soon as possible.

**Answer:** E

**Explanation:**

The Scrum Master should ask the person to share the issue with the team as soon as possible, as stated in [5]: “The Scrum Master should encourage transparency and collaboration within the team and with other stakeholders. If there is a concern about data security issues, it should be brought up to the team and discussed openly. The team can then decide how to handle it, whether by creating a Product Backlog item, updating the definition of “Done”, or taking some other action.”

**NEW QUESTION 10**

How much work is required of the Developers to complete a Product Backlog Item selected during the Sprint Planning?  
(choose the best answer)

- A. All development work and at least some testing.
- B. as much as is required to meet the Scrum Team's Definition of Done.
- C. A proportional amount of time on analysis, design development and testing
- D. As much as they can fit into the Sprint, with remaining work deferred to the next Sprint

**Answer:** B

**Explanation:**

According to the Scrum Guide, the amount of work required of the Developers to complete a Product Backlog item selected during the Sprint Planning is as much as is required to meet the Scrum Team's Definition of Done. This means that the Developers must ensure that every item they work on is in a usable condition and meets all quality standards agreed upon by the team. The other options are not valid descriptions of the amount of work required, as they are either too vague (such as all development work and some testing or a proportional amount of time) or incorrect (such as fitting as much as possible or deferring work to the next Sprint).

**NEW QUESTION 11**

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 13**

A Scrum Master is essentially the same thing as a traditional PM (Project Manager).

- A. True
- B. False

**Answer:** B

**Explanation:**

The correct answer is B, because a Scrum Master is not the same thing as a traditional PM (Project Manager). The Scrum Guide states that “the Scrum Master is responsible for promoting and supporting Scrum as defined in the Scrum Guide. Scrum Masters do this by helping everyone understand Scrum theory, practices, rules, and values.” Therefore, a Scrum Master is not a manager, but a servant-leader and a coach for the Scrum Team and the organization.

**NEW QUESTION 17**

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 22**

Which of the following are topics for the Developers to discuss at the Daily scrum as they inspect their progress toward the Sprint Goal?  
(choose the best three answers)

- A. what have we learned since yesterday, and now should we modify our plan to increase our ability to meet the Sprint Goal?
- B. Are there any impediments blocking progress toward the sprint Goal?
- C. What will I be working on tomorrow?
- D. Are there any decisions that need to be made to maintain progress toward the sprint Goal?
- E. Why were you late?
- F. How many hours did I spend on the project yesterday?
- G. Will today's work negatively impact our ability to meet the sprint Goal for the Sprint following this one?

**Answer:** ABD

**Explanation:**

Three topics for the Developers to discuss at the Daily Scrum as they inspect their progress toward the Sprint Goal are:

- What have we learned since yesterday, and how should we modify our plan to increase our ability to meet the Sprint Goal?
- Are there any impediments blocking progress toward the Sprint Goal?
- Are there any decisions that need to be made to maintain progress toward the Sprint Goal?

These topics are suggested by [6]: "The structure of the meeting is set by the Developers and can be conducted in different ways if it focuses on progress toward the Sprint Goal. Some Development Teams will use questions, some will be more discussion based."

**NEW QUESTION 26**

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 27**

A Scrum Team has been working on a product for nine Sprints. A new Product Owner comes in, understanding he is accountable for the Product Backlog. However, he is unsure about his responsibilities. Which two activities are part of the Product Owner role according to Scrum? (Choose two.)

- A. Ensuring that the most valuable functionality is produced first, at all times.
- B. Interacting with stakeholders.
- C. Providing the Development Team with detailed specifications.
- D. Describing features as Use Cases.
- E. Creating detailed functional test cases.

**Answer:** AB

**Explanation:**

The Product Owner is responsible for ensuring that the most valuable functionality is produced first, at all times, by ordering and prioritizing the Product Backlog.

The Product Owner also interacts with stakeholders to understand their needs and expectations, and to communicate the vision and progress of the product. The other options are not part of the Product Owner role according to Scrum, as they are either too prescriptive or too technical.

**NEW QUESTION 32**

Who creates the definition of "Done"?

- A. The Scrum Master as he/she is responsible for the Development Team's productivity.
- B. The Scrum Team, in a collaborative effort where the result is the common denominator of all members' definition.
- C. The Product Owner as he/she is responsible for the product's success.
- D. The development organization (or Development Team if none is available from the development organization).

**Answer:** D

**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 of "Done" is created by the development organization (or Development Team if none is available from the development organization). The definition guides the Development Team in creating a "Done" Increment.

References: Scrum Guide

**NEW QUESTION 37**

The IT manager asks a Development Team for a status report describing the progress throughout the Sprint. The Development Team asks the Scrum Master for advice. The Scrum Master should:  
(Choose the best answer.)

- A. Talk to the IT manager and explain that progress in Scrum comes from inspecting an Increment at the Sprint Review.
- B. Tell the Development Team to figure it out themselves.
- C. Tell the Development Team to fit the report into the Sprint Backlog.



- D. Create and deliver the report to the manager herself.
- E. Ask the Product Owner to send the manager the report.

**Answer:** A

**Explanation:**

The Scrum Master should talk to the IT manager and explain that progress in Scrum comes from inspecting an Increment at the Sprint Review, as stated in [5]: “The Scrum Master should educate the IT manager about how Scrum works and how progress is measured. The Scrum Master should invite the IT manager to attend the Sprint Review where the Development Team demonstrates what was accomplished during the Sprint. The Scrum Master should also explain that status reports are not necessary in Scrum, as transparency is ensured by using artifacts such as Product Backlog, Sprint Backlog, and Increment.”

**NEW QUESTION 41**

How much of the Sprint Backlog must be defined during the Sprint Planning event?

- A. Just enough tasks for the Scrum Master to be confident in the Development Team’s understanding of the Sprint.
- B. The entire Sprint Backlog must be identified and estimated by the end of the Sprint Planning meeting.
- C. Enough so the Development Team can create its best forecast of what it can do, and to start the first several days of the Sprint.
- D. Just enough to understand design and architectural implications.

**Answer:** C

**Explanation:**

The correct answer is C, because the Scrum Guide states that “the Development Team usually starts by designing the system and the work needed to convert the Product Backlog into a working product Increment. Work planned for the first days of the Sprint by the Development Team is decomposed by the end of this meeting, often to units of one day or less. The Development Team self-organizes to undertake the work in the Sprint Backlog, both during Sprint Planning and as needed throughout the Sprint.” Therefore, enough work should be defined during the Sprint Planning event so that the Development Team can create its best forecast of what it can do, and to start the first several days of the Sprint.

**NEW QUESTION 44**

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 47**

Who is accountable for clearly expressing Product Backlog items? (Choose the best answer.)

- A. The business analyst who represents the Product Owner.
- B. The Product Owner.
- C. The Scrum Master, or the Scrum Master may have the Developers do it.
- D. The Scrum Master.

**Answer:** B

**Explanation:**

According to the Scrum Guide, the Product Owner is accountable for clearly expressing Product Backlog items, as he or she is responsible for managing and prioritizing the Product Backlog. The other options are not valid, as they imply that the Product Owner can be replaced by a business analyst, or that the Scrum Master or the Developers can express the Product Backlog items.

**NEW QUESTION 48**

Which of these may a Development Team deliver at the end of a Sprint?

- A. Failing unit tests, to identify acceptance tests for the next Sprint.
- B. An increment of software with minor known bugs in it.
- C. An increment of working software that is “done”.
- D. A single document, if that is what the Scrum Master asked for.

**Answer:** C

**Explanation:**

The correct answer is C, because a Development Team should deliver an increment of working software that is “done” by the end of a Sprint. The Scrum Guide states that “the Increment is the sum of all the Product Backlog items completed during a Sprint and the value of the increments of all previous Sprints. At the end of a Sprint, the new Increment must be ‘Done,’ which means it must be in useable condition and meet the Scrum Team’s definition of ‘Done’.”

**NEW QUESTION 52**

During a Sprint, when is new work or further decomposition of work added to the Sprint Backlog?

- A. When the Product Owner identifies new work.
- B. As soon as possible after they are identified.

- C. When the Scrum Master has time to enter them.
- D. During the Daily Scrum after the Development Team approves them.

**Answer:** B

**Explanation:**

The correct answer is B, because the Scrum Guide states that “the Development Team modifies the Sprint Backlog throughout the Sprint, and the Sprint Backlog emerges during the Sprint. This emergence occurs as the Development Team works through the plan and learns more about the work needed to achieve the Sprint Goal.” Therefore, new work or further decomposition of work can be added to the Sprint Backlog as soon as possible after they are identified by the Development Team.

**NEW QUESTION 55**

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 59**

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 63**

Which Scrum Value is affected by a lack of trust in the Scrum Team?

- A. Focus
- B. Respect
- C. Openness
- D. Courage
- E. Commitment.
- F. All of the above

**Answer:** F

**Explanation:**

The correct answer is F, because all of the Scrum Values are affected by a lack of trust in the Scrum Team. Trust is essential for the Scrum Team to work effectively and deliver value. Without trust, the Scrum Team may lose focus, respect, openness, courage, and commitment.

**NEW QUESTION 66**

Which topics should be discussed in the Sprint Review?

- A. The Scrum process, and how it was used during the Sprint.
- B. Coding and engineering practices.
- C. Sprint results.
- D. All of the above.

**Answer:** D

**Explanation:**

All of the above topics should be discussed in the Sprint Review, as stated in [4]: "The purpose of this meeting is to inspect what was delivered during this sprint and adapt what we want to deliver next. This means we will discuss three things:

- What did we do this sprint?
- How did we do it?
- What do we want to do next?"

**NEW QUESTION 70**

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 72

During the Sprint Retrospective a Scrum Team has identified several high priority process improvements. Which of the following statements is most accurate? (Choose the best answer.)

- A. The Scrum Team may add items to the Sprint Backlog for the next Sprint.
- B. The Scrum Team should choose at least one high priority process improvement to place in the Product Backlog.
- C. The Scrum Team should decline to add a process improvement to the Sprint Backlog when things are running smoothly.
- D. The Scrum Master selects the most important process improvement and places it in the Sprint Backlog

**Answer:** A

#### Explanation:

During the Sprint Retrospective, the Scrum Team may add items to the Sprint Backlog for the next Sprint, as stated in [5]: “The purpose of each Sprint Retrospective is to plan ways to increase quality and effectiveness. The Scrum Team plans ways to implement improvements identified during this meeting into its way of working. By doing this it reinforces empiricism throughout its work. Improvements may be implemented at any time during a Sprint or they may be planned for subsequent Sprints.”

#### NEW QUESTION 76

True or False A high-performance scrum Team ensures that each increment is complete by running a Release Sprint.

- A. True
- B. False

**Answer:** B

#### Explanation:

According to the Scrum Guide, a high-performance Scrum Team does not run a Release Sprint, as this is not a Scrum event. A Release Sprint is a term used to describe a Sprint that is dedicated to finalizing the product for release, such as fixing bugs, polishing features, or integrating components. This is contrary to the Scrum principle of delivering a potentially releasable Increment at the end of each Sprint, regardless of whether it is actually released or not. Therefore, the answer is false.

#### NEW QUESTION 77

What does n mean for a scrum Team to be cross-function at? (choose the best answer)

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

**Answer:** A

#### Explanation:

According to the Scrum Guide, a Scrum Team is cross-functional if it includes skilled individuals who together have all the skills necessary to create value each Sprint. This means that the Developers can work on any aspect of the product without depending on others outside the team. The other options are not valid descriptions of cross-functionality, as they either imply that the Developers work in silos or rely on external people (such as business analysts, architects, testers, or separate teams).

#### NEW QUESTION 79

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 82

Which three of the following are feedback loops in Scrum? (Choose three.)

- A. Sprint Review.
- B. Release Planning.
- C. Sprint Retrospective.



- D. Refinement Meeting.
- E. Daily Scrum.

**Answer:** ACE

**Explanation:**

The correct answers are A, C, and E, because these are feedback loops in Scrum. The Sprint Review is a feedback loop that allows the Scrum Team and the stakeholders to inspect the Increment and adapt the Product Backlog. The Sprint Retrospective is a feedback loop that allows the Scrum Team to inspect itself and create a plan for improvements. The Daily Scrum is a feedback loop that allows the Development Team to inspect its progress and plan its work for the next 24 hours.

**NEW QUESTION 86**

Which three purposes does the definition of “Done” serve? (Choose three.)

- A. Guide the Development Team on how many Product Backlog items to select for the Sprint.
- B. Create a shared understanding of when work is complete.
- C. Describe the purpose, objective, and time-box of each Scrum event.
- D. Describe the work that must be done before the Sprint is allowed to end.
- E. Increase transparency.

**Answer:** ABE

**NEW QUESTION 89**

When must the Product Owner participate in the Daily Scrum? (choose the best answer)

- A. When the Product Owner is actively working on items on the Sprint Backlog; however, they participate as a Developer
- B. When the Product Owner needs to represent the stakeholders point of view to the Developers
- C. When there are impediments to discuss
- D. When the Scrum Master asks the Product Owner to attend

**Answer:** A

**Explanation:**

According to the Scrum Guide, the Product Owner must participate in the Daily Scrum when he or she is actively working on items on the Sprint Backlog; however, they participate as a Developer, not as an authority figure. This means that the Product Owner can share progress, plans, and impediments with the other Developers and collaborate with them on delivering value. The other options are not valid reasons for the Product Owner to participate in the Daily Scrum, as they are either irrelevant (such as representing stakeholders or discussing impediments) or inappropriate (such as being asked by the Scrum Master).

**NEW QUESTION 93**

Who is responsible for clearly expressing Product Backlog items?

- A. The Scrum Master, or the Scrum Master may have the Development Team do it.
- B. The Scrum Master.
- C. The Product Owner.
- D. The business analyst who represents the Product Owner in the Development Team.

**Answer:** C

**Explanation:**

According to the Scrum Guide<sup>1</sup>, the Product Backlog is an ordered list of everything that is known to be needed in the product. It is the single source of requirements for any changes to be made to the product. The Product Owner is accountable for maximizing value resulting from work by Developers. The Product Owner is also accountable for effective Product Backlog management, which includes:

- Developing and explicitly communicating the Product Goal;
- Creating and clearly communicating Product Backlog items;
- Ordering Product Backlog items; and
- Ensuring that the Product Backlog is transparent, visible and understood.

Therefore, the Product Owner is responsible for clearly expressing Product Backlog items. References: Scrum Guide

**NEW QUESTION 95**

To get started in terms of what to build, Scrum requires no more than a Product Owner with enough ideas for a first Sprint, a Development Team to implement those ideas and a Scrum Master to help guide the process.

- A. True
- B. False

**Answer:** A

**Explanation:**

According to the Scrum Guide<sup>1</sup>, Scrum does not require or provide any specific techniques or methods for product definition. Rather, Scrum provides a framework with roles, rules, and events within which complex products can be developed. To get started in terms of what to build, Scrum requires no more than a Product Owner with enough ideas for a first Sprint, a Development Team to implement those ideas and a Scrum Master to help guide the process. References: Scrum Guide

**NEW QUESTION 97**

What is the key concern when multiple Development Teams are working from the same Product Backlog?

- A. Minimizing dependencies between teams.
- B. Clear definition of requirements.
- C. Meeting original scope projections.
- D. Making sure there's enough work for everyone on every team.
- E. Maximizing velocity.

**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. The key concern when multiple Development Teams are working from the same Product Backlog is minimizing dependencies between teams so that they can deliver an integrated Increment that meets the definition of “Done”.

References: Scrum Guide, Nexus Guide

**NEW QUESTION 99**

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 104**

Who determines when it is appropriate to update the Sprint Backlog during a Sprint?

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

**Answer:** C

**NEW QUESTION 109**

If burndown charts are used to visualize progress, what do they track?

- A. Accumulated cost.
- B. Individual worker productivity.
- C. Work remaining across time.
- D. Accumulated business value delivered to the customer.

**Answer:** C

**Explanation:**

The correct answer is C, because if burndown charts are used to visualize progress, they track work remaining across time. A burndown chart is a graphical representation of the amount of work left to do versus the time available. It helps the Scrum Team monitor and forecast the progress toward the Sprint Goal.

**NEW QUESTION 114**

You are the Scrum Master on a newly formed Scrum Team. Which three of the following activities would probably help the team in starting up? (Choose three.)

- A. Introduce a bonus system for the top performers in the team.
- B. Have the Scrum Team members introduce themselves to each other and give a brief background of their skills and work history.
- C. Have the development managers for each Development Team member introduce their direct reports and go over their responsibilities on the Scrum Team.
- D. Ensure the Scrum Team members have compatible personalities.
- E. Ensure the team understands they need a definition of “Done”.
- F. Ask the Product Owner to discuss the product or project, its history, goals, and context, as well as answer questions.

**Answer:** BEF

**Explanation:**

The correct answers are B, E, and F, because these activities would probably help the team in starting up. Having the Scrum Team members introduce themselves and give a brief background of their skills and work history helps build trust and rapport among them. Ensuring the team understands they need a definition of “Done” helps create transparency and alignment on the quality standards for the product. Asking the Product Owner to discuss the product or project, its history, goals, and context, as well as answer questions helps clarify the vision and value of the product.

References: [Suggested Reading for Professional Scrum Master™ I]

**NEW QUESTION 119**

When many Scrum Teams are working on the same product, should all of their increments be integrated every Sprint?

- A. Yes, but only for Scrum Teams whose work has dependencies.
- B. Yes, otherwise the Product Owners (and stakeholders) may not be able to accurately inspect what is done.
- C. No, each Scrum Team stands alone.
- D. No, that is far too hard and must be done in a hardening Sprint.

**Answer:** B

**Explanation:**

The correct answer is B, because the Scrum Guide states that “at the end of a Sprint, the new Increment must be ‘Done,’ which means it must be in useable condition and meet the Scrum Team’s definition of ‘Done’”. An increment is a body of inspectable, done work that supports empiricism at the end of the Sprint. The increment is a step toward a vision or goal.” Therefore, all the increments from different Scrum Teams working on the same product should be integrated every Sprint to enable inspection and adaptation by the Product Owner and stakeholders.

**NEW QUESTION 123**

Which statement best describes the Sprint Backlog as the output of the Sprint Planning? (choose the best answer)

- A. Every item has a designated owner.
- B. It is ordered by the Product Owner.
- C. Each task is estimated in hours.
- D. It is the Developers plan for the Sprint
- E. It is a complete list of all work to be done in a Sprint.

**Answer:** D

**Explanation:**

According to the Scrum Guide, the Sprint Backlog is the Developers’ plan for the Sprint, as it contains all the Product Backlog items selected for the Sprint and a plan for delivering them. The other options are not valid descriptions of the Sprint Backlog, as they are either incorrect (such as having a designated owner, being ordered by the Product Owner, or being a complete list of all work) or unnecessary (such as estimating each task in hours).

**NEW QUESTION 126**

Who must attend the Daily Scrum?

- A. The Scrum Master and Product Owner.
- B. The Development Team.
- C. The Development Team and Product Owner.
- D. The Scrum Team.
- E. The Development Team and Scrum Master.

**Answer:** D

**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 Scrum Master and Product Owner may attend as observers, but only if it is useful for the Developers.

References: Scrum Guide

**NEW QUESTION 131**

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 133**

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 138**

The length of a Sprint should be:

- A. Short enough to keep the business risk acceptable to the Product Owner.
- B. Short enough to be able to synchronize the development work with other business events.
- C. No more than one calendar month.
- D. All of these answers are correct.

**Answer:** D

**Explanation:**

According to the Scrum Guide<sup>1</sup>, the heart of Scrum is a Sprint, a time-box of one month or less during which a “Done”, useable, and potentially releasable product Increment is created. Sprints have consistent durations throughout a development effort. A new Sprint starts immediately after the conclusion of the previous Sprint. The length of a Sprint should be short enough to keep the business risk acceptable to the Product Owner, short enough to be able to synchronize the development work with other business events, and no more than one calendar month.

References: Scrum Guide

**NEW QUESTION 139**

You are the Scrum Master for four Scrum Teams working from the same Product Backlog. Several of the developers come to you complaining that work identified for the upcoming two Sprints will require full-time commitment from a technical specialist who is external to the teams. What are two key concerns for the Scrum Master to take into account in this situation? (Choose two.)

- A. The desire to maintain a stable velocity.
- B. The benefit of Development Teams figuring out a solution for themselves.
- C. The need to have enough work to keep all Development Team members busy.
- D. The ability of the Development Teams to produce integrated Increments.

**Answer:** BD

**Explanation:**

The Scrum Master should be concerned about the ability of the Development Teams to produce integrated Increments, as this is one of the goals of Scrum. The Scrum Master should also encourage the Development Teams to figure out a solution for themselves, as this fosters self-management and collaboration. The other options are not relevant or important for the Scrum Master in this situation.

**NEW QUESTION 144**

The CEO asks the Development Team to add a “very important” item to a Sprint that is in progress. What should the Development Team do?

- A. Add the item to the current Sprint and drop an item of equal size.
- B. Add the item to the current Sprint without any adjustments.
- C. Inform the Product Owner so he/she can work with the CEO.
- D. Add the item to the next Sprint.

**Answer:** C

**Explanation:**

The correct answer is C, because the Development Team should inform the Product Owner so he/she can work with the CEO. The Scrum Guide states that “only the Product Owner has the authority to cancel the Sprint, although he or she may do so under influence from the stakeholders, the Development Team, or the Scrum Master.” Therefore, if the CEO wants to add a “very important” item to a Sprint that is in progress, he or she should communicate with the Product Owner, who can then decide whether to cancel or continue the current Sprint.

**NEW QUESTION 149**

A Scrum Master is introducing Scrum to a new Team. The Team has decided that a Sprint Retrospective is unnecessary. What action should the Scrum Master take?

(choose the best answer)

- A. Comply with the decision of the self-managing team.
- B. Begin facilitating productive and useful Sprint Retrospectives.
- C. Call a meeting between the ScrumTeam and senior management
- D. Consult with the Product Owner to see how they feel about the situation.

**Answer:** B

**Explanation:**

According to the Scrum Guide, the action that the Scrum Master should take when the Team decides that a Sprint Retrospective is unnecessary is to begin facilitating productive and useful Sprint Retrospectives. The Sprint Retrospective is an essential event for the Scrum Team to inspect itself and create a plan for improvements to be enacted during the next Sprint. The Scrum Master is responsible for ensuring that this event takes place and that positive outcomes are achieved. The other options are not valid actions, as they either imply that the Scrum Master complies with or ignores the decision of the Team (such as complying with it, calling a meeting with senior management, or consulting with the Product Owner), which is not consistent with Scrum values and principles.

**NEW QUESTION 150**

What happens if the Development Team cannot complete its work by the end of the Sprint?

- A. The Sprint is extended and future Sprints use this new duration.
- B. The Sprint length holds and the Development Team continuously learns what is actually possible to do within a Sprint of this length.
- C. The Sprint is extended temporarily
- D. Lessons are taken to ensure it doesn't happen again.

**Answer:** B

**Explanation:**



If the Development Team cannot complete its work by the end of the Sprint, then the Sprint length holds and the Development Team continuously learns what is actually possible to do within a Sprint of this length, as stated in [7]: “If a Development Team determines it has overcommitted itself for a Sprint, one option is to collaborate with the Product Owner to negotiate removing or reducing scope. Another option is to simply work hard and do its best, without cutting quality or pressuring individuals. In either case, the Development Team learns from its experience and uses this learning when planning future Sprints.”

#### NEW QUESTION 155

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 159

Which two of the following are appropriate topics for discussion during a Sprint Retrospective? (Choose two.)

- A. Identifying high priority process improvements for the next Sprint.
- B. The order of items in the Product Backlog.
- C. How the team collaborates.
- D. Documenting acceptance criteria for items in the next Sprint.

**Answer:** AC

#### Explanation:

According to the Scrum Guide<sup>1</sup>, the purpose of the Sprint Retrospective is to plan ways to increase quality and effectiveness. The Scrum Team inspects how the last Sprint went with regards to individuals, interactions, processes, tools, and their Definition of Done. Inspected elements often vary with domain, practices, and people involved. The Scrum Team identifies the most helpful changes to improve its effectiveness. The most impactful improvements are addressed as soon as possible. They may even be added to the Sprint Backlog for the next Sprint. Therefore, two appropriate topics for discussion during a Sprint Retrospective are:

- Identifying high priority process improvements for the next Sprint.
- How the team collaborates.

The other options are not relevant or appropriate for the Sprint Retrospective. References: Scrum Guide

#### NEW QUESTION 162

Every Scrum Team should have: (choose the best answer)

- A. One Lead Developer and no more than 8 other members.
- B. The competencies and skills needed to deliver an Increment in a Sprint
- C. At least one representative from each major department, such as, Quality Assurance, Development, and Marketing.

**Answer:** B

#### Explanation:

According to the Scrum Guide, every Scrum Team should have the competencies and skills needed to deliver an Increment in a Sprint. This means that the Developers can work on any aspect of the product without depending on others outside the team. The other options are not valid descriptions of what every Scrum Team should have, as they either imply that the Developers work in silos or rely on external people (such as a lead developer or representatives from different departments).

#### NEW QUESTION 164

How do you know that a Development Team is cross-functional?

- A. Development Team has all the skills to create a potentially releasable 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 Development Team.
- D. Every member of the Development Team is able to perform every task.

**Answer:** A

#### Explanation:

According to the Scrum Guide, a Development Team is cross-functional if it has all the skills to create a potentially releasable Increment by the end of every Sprint. The other options are not indicators of cross-functionality, as they are either specific practices (such as pair programming or test driven development) or irrelevant factors (such as conflicts within the team or ability to perform every task).

#### NEW QUESTION 169

Which output from Sprint Planning provides the Development Team with a target and overarching direction for the Sprint?

- A. The Sprint Backlog.
- B. The Sprint Goal



- C. The release plan.
- D. Sprint Review minutes.

**Answer:** B

**Explanation:**

The correct answer is B, because the Scrum Guide states that “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 Development Team on why it is building the Increment.” Therefore, the Sprint Goal provides the Development Team with a target and overarching direction for the Sprint.

**NEW QUESTION 173**

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 178**

The Product Owner makes sure the team selects enough from the Product Backlog for a Sprint to satisfy the stakeholders.

- A. True
- B. False

**Answer:** B

**Explanation:**

The correct answer is B, because the Product Owner does not make sure the team selects enough from the Product Backlog for a Sprint to satisfy the stakeholders. 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 is responsible for choosing the scope of work for a Sprint.

**NEW QUESTION 179**

Which two ways of creating Development Teams are consistent with Scrum’s values? (Choose two.)

- A. Existing teams propose how they would like to go about organizing into the new structure.
- B. Managers personally re-assign current subordinates to new teams.
- C. Managers collaborate to assign individuals to specific teams.
- D. Bring all the developers together and let them self-organize into Development Teams.
- E. The Chief Product Owner determines the new team structures and assignments.

**Answer:** AD

**Explanation:**

The correct answers are A and D, because these ways of creating Development Teams are consistent with Scrum’s values. Allowing existing teams to propose how they would like to organize into the new structure respects their self-organization and empowerment. Bringing all the developers together and letting them self-organize into Development Teams also respects their autonomy and collaboration.

References: [Suggested Reading for Professional Scrum Master™ I]

**NEW QUESTION 184**

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