

Quiz Answers

PROJECT
MANAGEMENT

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Agile Scrum Foundation

Lesson 1—Agile Scrum Concepts

PROJECT
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QUIZ

1

Which of the following are assertions of the Agile Manifesto? (Choose Two.)

- a. An Agile team must value following a plan over responding to change
- b. An Agile team must value working software over comprehensive documentation
- c. An Agile team must value customer collaboration over contract negotiation
- d. An Agile team must value processes and tools over individuals and interactions



The correct answer is **b and c.**

“Working software ” and “customer collaboration ” appear on the left-hand side of the Agile Manifesto, and according to Agile principles, an Agile team values the items that appear on the left-hand side of the Agile Manifesto.

QUIZ

2

Which of the following would be considered most valuable by an Agile team?

- a. Following a plan
- b. Processes and tools
- c. Comprehensive documentation
- d. Working software



The correct answer is **d.**

Working software is the primary measure of progress in an Agile team. It appears on the left-hand side of the Agile Manifesto. The other items are also important, but working software is the most important item.

QUIZ

3

Which methodology is known for frequent releases and osmotic communication?

- a. XP
- b. Scrum
- c. Crystal
- d. Kanban



The correct answer is **c.**

Crystal methodology pioneered osmotic communication. It refers to indirect information transfer through overhearing conversations or simply noticing things happening around you.

QUIZ

4

Which of the following statements describes Scrum?

- a. A sequential design process in which progress is seen as flowing steadily downwards
- b. A methodology in which you practice only continuous integration and pair programming
- c. A basic workflow visualization tool that enables you to optimize your work
- d. A lightweight framework designed to develop and manage complex products in an iterative and incremental way



The correct answer is **d.**

Scrum is not a methodology or a set of engineering practices. It is, instead, a lightweight framework designed to manage software and product development. Scrum is a process framework used to manage complex product development. It promotes developing products of the highest possible value in an iterative and incremental way.

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Lesson 2—Roles and Rituals

PROJECT
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QUIZ

1

The stakeholders of a company decide to transition the software development team to Scrum. They already have Project coordinator who facilitates interactions, removes impediments, and acts as the coach of the Team. What should this role be called after the transition?

- a. Project Owner
- b. Project Manager
- c. Scrum Master
- d. Scrum Project Manager



The correct answer is **c.**

The work of the Project Coordinator is similar to that of the Scrum Master. It's important in Scrum not to change the names for the different roles. This helps to keep Scrum working.

QUIZ

2

Why is diversity a necessary attribute of a Scrum Team?

- a. To build cultural sensitivity
- b. To enable proper succession planning for each role
- c. To comply with Federal Regulations
- d. To encourage different viewpoints and healthy debate



The correct answer is **d.**

One of the risks in favoring a small-sized team is that it may miss out on broader perspectives and dissenting viewpoints. This makes it imperative to ensure diversity in a Scrum team.

QUIZ

3

**Which of the following are the questions that are asked during a Daily Scrum?
(Choose Two)**

- a. What are the impediments to your work?
- b. What will be accomplished before the next meeting?
- c. Who should take care of the next task?
- d. What did you do with the customer feedback?



The correct answer is **a and b.**

These options and the question "What has been accomplished since the last meeting?" are asked during a daily scrum.

QUIZ

4

Toward the end of the Sprint, the Development Team realizes that it will not be able to complete the stories it has committed to. What is the ideal course of action for the Development Team?

- a. Decide on stories that can be delayed until the next Sprint in consensus with the Scrum Master
- b. Ask the Product Owner to decide which stories can be delayed until the next Sprint
- c. Develop a new Definition of Done for the Sprint Backlog Items
- d. Ask for more team members to meet the goals of the current Sprint



The correct answer is **b.**

The Product Owner should decide which items have the most value and should be done first in this Sprint.

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Lesson 3—Scrum Practices

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QUIZ

1

A Product Owner wants a story to be completed in four days. The Development Team working on the Story reckons it will take seven days. The Scrum Master feels it should take five days. A subject matter expert, who has worked on similar Stories in the past, thinks it should take a maximum of three days. Whose estimate should be used for planning?

- a. The Development Team's
- b. The Scrum Master's
- c. The Subject Matter Expert's
- d. The Product Owner's



The correct answer is **a.**

At the end of the day, the only estimate that matters is the one given by the team members working on the story.

QUIZ

2


Which items on the product backlog should be small?

- a. The items at the bottom of the Product Backlog
- b. The items at the top of the Product Backlog
- c. Only items on the Sprint Backlog must be small
- d. All items in the Product Backlog



The correct answer is **b.**

The items at the top should be small because these are split-up Epic User Stories and are defined precisely enough to incorporate in the Sprint.

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Lesson 4—Scrum Planning

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QUIZ

1

Agile planning happens at multiple levels. Which of the following terms best describes the multi-level planning?

- a. Planning Onion
- b. Sprint Planning layers
- c. Strategic Level Planning
- d. Release Planning layers



The correct answer is **a.**

There are six levels of planning in Agile that are interconnected and support each other; they are often metaphorically referred to as the Planning Onion.

QUIZ 2

During a Release planning, the Product Backlog items are grouped into smaller releases that drive toward the product roadmap. Who plans a Release?

- a. Product Owner
- b. Stakeholders
- c. Product Owner and Scrum Master
- d. Scrum Team



The correct answer is **d.**

The Product Owner, the Scrum Master, and the Development Team together plan releases that drive toward the product roadmap.

QUIZ

3

What is a typical time-boxed period for Release Planning?

- a. As long as it takes
- b. 2 to 4 months
- c. 2 to 4 weeks
- d. 3 to 9 months



The correct answer is **d.**

Release Planning allows you to plan releases that drive toward the product roadmap, and this activity ranges from three to nine months in duration.

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Lesson 5—Scrum Estimation

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QUIZ

1

In the past 12 Sprints, the Scrum Team has completed 123 story points. Based on the data, what is the velocity of the team?

- a. 10.5 story points
- b. 11 story points
- c. 10.25 story points
- d. 10 story points



The correct answer is **b.**

On an average, the team has completed 10.25 story points per Sprint. Therefore, the velocity of the team is 11 story points; when you calculate the velocity of a team, it should be rounded up.

QUIZ 2

In the Planning Poker technique, each team member estimates the effort required for a given story point and then each individual's estimate is discussed with the team.

- a. True
- b. False



The correct answer is **a.**

Planning Poker is a consensus-based planning technique where each team member proposes an estimate for a given user story and then discusses with the other team members. If all the team members propose the same value, it becomes the estimate. Otherwise, the process is repeated until consensus is achieved.

QUIZ

3

Ideal time is actually elapsed time estimate.

- a. True
- b. False



The correct answer is **b.**

Ideal time is not elapsed time estimate, but ideal time is converted into elapsed time to arrive at a prediction for the schedule of a Sprint.

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Lesson 6—Scrum Monitoring

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QUIZ

1

Which of the following is the highest priority for an Agile project?

- a. Escaped defects
- b. Sprint Burn-down rate
- c. Customer satisfaction
- d. Velocity



The correct answer is **c.**

While the other options are also key metrics in monitoring Agile projects, the highest priority for any Agile project is Satisfaction.

QUIZ 2

Which of the following types of information radiators provides a daily measure of work remaining in an iteration?

- a. Task board
- b. Burn-down chart
- c. Niko-niko calendar
- d. Build health indicator



The correct answer is **b.**

The sprint Burn-down chart is a publicly displayed chart showing remaining work in the Sprint backlog. It is updated every day and gives a simple view of Sprint progress.

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Lesson 7—Advanced Scrum Concepts

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QUIZ

1

A Scrum of Scrums is a meeting between _____.

- a. Only the Scrum Masters of all the Scrum teams
- b. All the Scrum teams
- c. A couple of members from each Scrum team
- d. A meeting within each Scrum team



The correct answer is **c.**

While each team has a daily scrum, a Scrum of Scrums is held daily or multiple times a week; one or two members, which may include the Scrum Master, participate.

QUIZ

2

In adopting Agile, Support and Maintenance teams have to primarily become used to _____.

- a. SLAs
- b. Reviewing bugs
- c. Working with a backlog
- d. Higher visibility



The correct answer is **c.**

Support and Maintenance teams would already be working with SLAs and reviewing bugs, but they would be new to the concept of a backlog. They will need to revisit their SLAs and review bugs to create user stories. Higher visibility is something the team needs to be aware of.

QUIZ

3

A Fixed Price contract is best suited for an Agile project.

- a. True
- b. False



The correct answer is **b.**

A fixed price contract has the disadvantage of decreasing profits as the project progresses. A Time and Materials contract with a cost or time cap is usually considered suitable in Agile contracting.

QUIZ

4

What is the best way of transitioning from a traditional approach to Agile?

- a. Ensure that you get a buy-in from all stakeholders
- b. Treat the transition like an Agile project
- c. Give people a choice: adjust or leave
- d. Ask star performers to campaign for Agile



The correct answer is **b.**

Treat the transition like an Agile project and create a product backlog. Other measures include appointing a transition team and identifying an influential sponsor for the transition.



Thank You