

Sample Questions

# EXIN Agile Scrum Foundation

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# Introduction

This set of sample questions consists of 20 multiple-choice questions.

The real exam consists of 40 multiple choice questions.

Each multiple-choice question has a number of possible answers, of which only one is the correct answer.

The maximum number of points that can be obtained for this exam is 20. Each correct answer is worth one point. If you obtain 13 points or more you will pass.

The time allowed for these sample questions is 30 minutes.

No rights may be derived from this information.

Good luck!

# Sample exam

1 of 20

Senior management wants to regularly audit if the team is following Scrum practices and principles.

Who is in the **best** position to conduct such an audit?

- A. Product Owner
- B. Scrum Master
- C. Team
- D. Testers

2 of 20

A Scrum team thought it a good practice to clearly define a checklist of items that must be completed before calling a story "completed".

What artifact are they likely to be using for this?

- A. Burndown chart
- B. Definition of done
- C. Product backlog
- D. Sprint backlog

3 of 20

A Sprint just concluded and it was a disaster. None of the planned stories completed and the review had to be cancelled. Senior management wants to establish accountability for this.

Who is ultimately accountable for the success or failure of a Scrum team?

- A. Product Owner
- B. Scrum Master
- C. Senior Management
- D. Team

**4 of 20**

A team member from a Scrum team feels that a senior technical architect from another team may have some valuable insights and feedback about the product.

Which is the **best** forum to solicit such feedback?

- A. Daily Scrum
- B. Sprint planning
- C. Sprint retrospective
- D. Sprint review

**5 of 20**

At the end of each working day, the team members update the number of hours remaining on the tasks on a white board. The Scrum Master then sums up the hours and plots them on a chart.

What is the name of this chart?

- A. Burndown chart
- B. Burnup chart
- C. Niko-Niko chart
- D. Parking lot diagram

**6 of 20**

How long should it take a five member Scrum team to finalize the Sprint plan for a three week Sprint?

- A. One to three hours
- B. Three to six hours
- C. Six to twelve hours
- D. Fifteen hours

**7 of 20**

A Scrum team realizes that it may be late in delivering a component that another Scrum team is waiting for.

What is the **best** forum to discuss this issue and find a resolution?

- A. Daily scrum of either team
- B. Scrum-of-Scrum
- C. Sprint review
- D. Sprint retrospective

8 of 20

A team is transitioning into Scrum. They already had a role called Project coordinator, who facilitates interactions, removes roadblocks and acts as the process coach of the team.

What should this role be called post transition?

- A. Project coordinator
- B. Project manager
- C. Scrum Master
- D. Scrum project manager

9 of 20

While reviewing a bar style release burndown chart, a newly appointed Scrum Master observed that the bottom of the bar had moved above the horizontal axis between iterations three and four.

What can be concluded from this observation?

- A. The team finished less than the allocated stories in iteration three.
- B. The team finished more than the allocated stories in iteration three.
- C. Work got added to the project during iteration three.
- D. Work got removed from the project during iteration three.

10 of 20

What is an assertion of the Agile manifesto?

- A. We value contract negotiation over customer collaboration.
- B. We value following a plan over responding to change.
- C. We value processes and tools over customer individuals and interaction.
- D. We value working software over comprehensive documentation.

11 of 20

What is the **best** way to improve communications in a distributed Scrum team?

- A. Appointing a single point of contact for communication across locations
- B. Co-locating the entire team for a release planning session
- C. Establish a clear audit trail for all communication on the project
- D. Introduce additional sign-offs on the project to ensure oversight

12 of 20

One person is working on the code and another person is observing, critiquing and occasionally switching roles.

What practice is being followed here?

- A. Code review
- B. Continuous integration
- C. Pair programming
- D. Test-driven development

13 of 20

According to Agile principles, which type of team can come up with the **best** requirements, architectures and design?

- A. Co-located
- B. Experienced
- C. Self-organized
- D. Well trained

14 of 20

What does the W stand for in the MoSCoW prioritization framework?

- A. Whether
- B. Wish
- C. Won't
- D. Would

15 of 20

What is the **best** time to refactor code on a project?

- A. Continuously and at the earliest possible opportunity
- B. During hardening iterations
- C. During the last iteration
- D. When the Product Owner decides to schedule it

**16 of 20**

Which of the following is a desirable characteristic of information radiators?

- A. Current
- B. Detailed
- C. Provided on a "need to know" basis
- D. Stable

**17 of 20**

How much work should the team plan on spending on a particular story?

- A. As determined by the definition of done
- B. Design and development
- C. Design, Development and Testing
- D. Design, Development, Testing and Documentation

**18 of 20**

In the past eight Sprints, the team has completed 85 story points worth of work altogether. The team has been asked to start working on a new project which is estimated at 64 story points.

How many Sprints would be needed to complete this project?

- A. Five
- B. Seven
- C. Eight
- D. Ten

**19 of 20**

A story is estimated at five story points.

What is the interpretation of the number five?

- A. Number of elapsed hours required to complete the story
- B. Number of person-days of effort required to complete the story
- C. Number of person-hours of effort required to complete the story
- D. Relative size of the story with respect to others

20 of 20

A Product Owner wants a story to be completed in two days. The team member working on the story reckons it will take five days. The Scrum Master feels it should take three days. A subject matter expert who has worked on similar stories in the past thinks it should be at most a one day effort.

Whose estimate should be used for planning?

- A. Product Owner
- B. Scrum Master
- C. subject matter expert
- D. Team member

# Answer key

## 1 of 20

Senior management wants to regularly audit if the team is following Scrum practices and principles.

Who is in the **best** position to conduct such an audit?

- A. Product Owner
- B. Scrum Master
- C. Team
- D. Testers

- A. Incorrect.
- B. Correct. One of the Scrum Master's responsibilities is to be the process coach of the team and to ensure that the team is following the right practices.
- C. Incorrect.
- D. Incorrect.

## 2 of 20

A Scrum team thought it a good practice to clearly define a checklist of items that must be completed before calling a story "completed".

What artifact are they likely to be using for this?

- A. Burndown chart
- B. Definition of done
- C. Product backlog
- D. Sprint backlog

- A. Incorrect.
- B. Correct. Definition of done is a well understood and clearly documented definition of items that must be established to mark a story (or iteration or project) to be done.
- C. Incorrect.
- D. Incorrect.

**3 of 20**

A Sprint just concluded and it was a disaster. None of the planned stories completed and the review had to be cancelled. Senior management wants to establish accountability for this.

Who is ultimately accountable for the success or failure of a Scrum team?

- A. Product Owner
- B. Scrum Master
- C. Senior Management
- D. Team

- A. Incorrect.
- B. Incorrect.
- C. Incorrect.
- D. It is the Team that is collectively accountable for success or failure of a project in Scrum.

**4 of 20**

A team member from a Scrum team feels that a senior technical architect from another team may have some valuable insights and feedback about the product.

Which is the **best** forum to solicit such feedback?

- A. Daily Scrum
- B. Sprint planning
- C. Sprint retrospective
- D. Sprint review

- A. Incorrect.
- B. Incorrect.
- C. Incorrect.
- D. Correct. The Sprint review is a working demo of the product being built and is the best forum to invite external stakeholders and get their input.

**5 of 20**

At the end of each working day, the team members update the number of hours remaining on the tasks on a white board. The Scrum Master then sums up the hours and plots them on a chart.

What is the name of this chart?

- A. Burndown chart
- B. Burnup chart
- C. Niko-Niko chart
- D. Parking lot diagram

- A. Correct. The burndown chart provides a daily measure of work remaining in an iteration.
- B. Incorrect.
- C. Incorrect.
- D. Incorrect.

**6 of 20**

How long should it take a five member Scrum team to finalize the Sprint plan for a three week Sprint?

- A. One to three hours
- B. Three to six hours
- C. Six to twelve hours
- D. Fifteen hours

- A. Incorrect.
- B. Correct. Sprint planning should ideally take one to two hours per week of Sprint duration.
- C. Incorrect.
- D. Incorrect.

**7 of 20**

A Scrum team realizes that it may be late in delivering a component that another Scrum team is waiting for.

What is the **best** forum to discuss this issue and find a resolution?

- A. Daily scrum of either team
- B. Scrum-of-Scrum
- C. Sprint review
- D. Sprint retrospective

- A. Incorrect.
- B. Correct. The Scrum-of-Scrum is a coordination meeting where dependencies and resolution of cross-team issues can be discussed.
- C. Incorrect.
- D. Incorrect.

**8 of 20**

A team is transitioning into Scrum. They already had a role called Project coordinator, who facilitates interactions, removes roadblocks and acts as the process coach of the team.

What should this role be called post transition?

- A. Project coordinator
- B. Project manager
- C. Scrum Master
- D. Scrum project manager

- A. Incorrect.
- B. Incorrect.
- C. Correct. It is important to maintain the sanctity of the roles to be able to derive maximum benefits. There is a reason for choosing the names for the different roles and it is best not to tamper with them.
- D. Incorrect.

**9 of 20**

While reviewing a bar style release burndown chart, a newly appointed Scrum Master observed that the bottom of the bar had moved above the horizontal axis between iterations three and four.

What can be concluded from this observation?

- A. The team finished less than the allocated stories in iteration three.
- B. The team finished more than the allocated stories in iteration three.
- C. Work got added to the project during iteration three.
- D. Work got removed from the project during iteration three.

- A. Incorrect.
- B. Incorrect.
- C. Incorrect.
- D. Correct. In a release level burndown bar chart, work getting removed from scope can be indicated by moving the bottom of the bar up.

**10 of 20**

What is an assertion of the Agile manifesto?

- A. We value contract negotiation over customer collaboration.
- B. We value following a plan over responding to change.
- C. We value processes and tools over customer individuals and interaction.
- D. We value working software over comprehensive documentation.

- A. Incorrect.
- B. Incorrect.
- C. Incorrect.
- D. Correct. Value working software over comprehensive documentation is an assertion of the Agile manifesto.

11 of 20

What is the **best** way to improve communications in a distributed Scrum team?

- A. Appointing a single point of contact for communication across locations
- B. Co-locating the entire team for a release planning session
- C. Establish a clear audit trail for all communication on the project
- D. Introduce additional sign-offs on the project to ensure oversight

A. Incorrect.

B. Correct. The team getting together for a release planning offers the most value - it provides face time between the team members, an opportunity to establish rapport and team building, and clarification of expectations and requirements up-front.

C. Incorrect.

D. Incorrect.

12 of 20

One person is working on the code and another person is observing, critiquing and occasionally switching roles.

What practice is being followed here?

- A. Code review
- B. Continuous integration
- C. Pair programming
- D. Test-driven development

A. Incorrect.

B. Incorrect.

C. Correct. Pair programming is the practice of two developers working on one terminal - one as the driver and another as the navigator.

D. Incorrect.

13 of 20

According to Agile principles, which type of team can come up with the **best** requirements, architectures and design?

- A. Co-located
- B. Experienced
- C. Self-organized
- D. Well trained

- A. Incorrect.
- B. Incorrect.
- C. Correct. The best architectures, requirements and designs emerge from self-organized teams.
- D. Incorrect.

14 of 20

What does the W stand for in the MoSCoW prioritization framework?

- A. Whether
- B. Wish
- C. Won't
- D. Would

- A. Incorrect.
- B. Incorrect.
- C. Correct. MoSCoW: Must, Should, Could and Won't.
- D. Incorrect.

15 of 20

What is the **best** time to refactor code on a project?

- A. Continuously and at the earliest possible opportunity
- B. During hardening iterations
- C. During the last iteration
- D. When the Product Owner decides to schedule it

- A. Correct. Continuous refactoring - to always refactor code while changing it - is the best practice.
- B. Incorrect.
- C. Incorrect.
- D. Incorrect.

**16 of 20**

Which of the following is a desirable characteristic of information radiators?

- A. Current
- B. Detailed
- C. Provided on a "need to know" basis
- D. Stable

A. Correct. An information radiator should be current (i.e. updated). All others are not desirable characteristics.

- B. Incorrect.
- C. Incorrect.
- D. Incorrect.

**17 of 20**

How much work should the team plan on spending on a particular story?

- A. As determined by the definition of done
- B. Design and development
- C. Design, Development and Testing
- D. Design, Development, Testing and Documentation

A. Correct. Getting a story to a completed state as per the definition of done should be the goal of a team and should be used as the basis for planning.

- B. Incorrect.
- C. Incorrect.
- D. Incorrect.

**18 of 20**

In the past eight Sprints, the team has completed 85 story points worth of work altogether. The team has been asked to start working on a new project which is estimated at 64 story points.

How many Sprints would be needed to complete this project?

- A. Five
- B. Seven
- C. Eight
- D. Ten

- A. Incorrect.
- B. Correct. The velocity of the team is  $85/8$ . The number of Sprints required to complete the project is  $64/\text{velocity}$ , which works out to be slightly above six. Hence seven is the most reasonable answer.
- C. Incorrect.
- D. Incorrect.

**19 of 20**

A story is estimated at five story points.

What is the interpretation of the number five?

- A. Number of elapsed hours required to complete the story
- B. Number of person-days of effort required to complete the story
- C. Number of person-hours of effort required to complete the story
- D. Relative size of the story with respect to others

- A. Incorrect.
- B. Incorrect.
- C. Incorrect.
- D. Correct. Story points is an analogous estimation technique, referring to comparative sizes.

20 of 20

A Product Owner wants a story to be completed in two days. The team member working on the story reckons it will take five days. The Scrum Master feels it should take three days. A subject matter expert who has worked on similar stories in the past thinks it should be at most a one day effort.

Whose estimate should be used for planning?

- A. Product Owner
- B. Scrum Master
- C. subject matter expert
- D. Team member

- A. Incorrect.
- B. Incorrect.
- C. Incorrect.
- D. Correct. At the end of the day, the only estimate that matters is the one given by the team member working on the story.

# Evaluation

The table below shows the correct answers to the questions in this set of sample questions.

number	answer	points
1	B	1
2	B	1
3	D	1
4	D	1
5	A	1
6	B	1
7	B	1
8	C	1
9	D	1
10	D	1
11	B	1
12	C	1
13	C	1
14	C	1
15	A	1
16	A	1
17	A	1
18	B	1
19	D	1
20	D	1

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