BCS EXIN Foundation Certificate in Agile Scrum

Sample Paper A

Record your surname / last / family name and initials on the answer sheet.

Sample paper only 40 multiple-choice questions – 1 mark awarded to each question. Mark only one answer to each question. There are no trick questions.

A number of possible answers are given for each question, indicated by either **A. B. C. or D**. Your answers should be clearly indicated on the answer sheet.

The time allowed for this sample exam is 60 minutes.

Pass mark is 26/40

This professional certification is not regulated by the following United Kingdom Regulators - Ofqual, Qualifications in Wales, CCEA or SQA

1   During the Daily Scrum three questions are answered.

Which question is one of these questions?

A   What obstacles are in the way?
B   Who should take on the next task?
C   Which requests of the customer did we receive?

2   A Scrum Team realises 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-Scrums.
C   Sprint Review.
D   Sprint Retrospective.

3   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 artefact are they likely to use for this?

A   Burn-Down Chart.
B   Definition of Done.
C   Product Backlog.
D   Sprint Backlog.

4   Near the end of a Sprint, the Development Team realises that they will not be able to complete the stories they had committed to.

What is the best course of action for the Development Team?

A   Add resources and team members to meet the goals of the current Sprint.
B   Ask the Product Owner to decide which stories can be delayed until the next Sprint.
C   Decide on a new Definition of Done for the Sprint Backlog Items.

5 An often-used best practice is to define User Stories according to the acronym 'INVEST'. The 'S' of 'INVEST' means Small.

Regarding the User Story in a Sprint, what must be small?

A The number of Sprints needed to realise the User Story.
B The number of team members involved.
C The Story Points or Ideal Hours involved.
D The length of the written-out User Story.

6 Which of the following statements best describes the role that the Daily Scrum plays in the monitoring of a Scrum project?

A The Daily Scrum helps the Scrum Master to update the burn-down chart.
B The Daily Scrum gives the Development Team insight into their progress and their issues.
C The Daily Scrum lets the Product Owner review the progress of the Team.

7 The S of INVEST stands for Small.

Which items on the product backlog should be small?

A All items in the Product Backlog.
B The items on the top of the Product Backlog.
C The items on the bottom of the Product Backlog.
D Only items on the Sprint Backlog must be small.

8 A Scrum Team is estimating User Stories. The Scrum Master suggests the Planning Poker technique.

What is the process of Planning Poker?

A Compare the Story to reference Stories and then estimate it.
B Estimate on your own, then discuss everyone else's estimates.
C Sort all Stories based on their relative effort required.

9   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 individuals and interaction.
D   We value working software over comprehensive documentation.

10   The Development Team determines that it has over-committed itself for a Sprint.

Who should be present when reviewing and adjusting the Sprint work?

A   The Development Team, the Scrum Master and the Product Owner. The Stakeholders should be consulted.
B   The Development Team and the Scrum Master. The Product Owner should be consulted.
C   The Development Team only. The Product Owner should be consulted.

11   How should 'Done' be defined when multiple Scrum Teams are working on a single product?

A   All Scrum Teams work towards an integrated Definition of Done.
B   Each Scrum Team must define and use their own Definition of Done.
C   The Scrum Master defines when the item is Done.

12   A Scrum Team selects a Product Backlog Item (PBI) for the Sprint Backlog.

What must the Development Team do to finish the Product Backlog Item it selects?

A   As much as can be done in the Sprint before the deadline.
B   As much as is required to satisfy the Definition of Done.
C   Analyse, design, program, test and document the Product Backlog Item.

13 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.

14 How long should it take a 5-member Scrum Team to finalise the Sprint Planning for a 3 week Sprint?

A 3-6 hours.
B 3-6 days.
C As long as it takes.

15 According to Agile principles, what should be the pace of development?

A Fast.
B Increasing.
C Sustainable.

16 Why does the Daily Scrum need to be held at the same location and time?

A The booking of a room needs to be done in advance for the duration of the Sprint.
B The constant time and place is best for continuity of the Scrum framework.
C The Project Manager needs to get the status updates at a given time every day.

17 In the past 8 Sprints, the Scrum Team has completed 85 story points worth of work altogether. The Scrum 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 5 sprints.
B 7 sprints.
C 8 sprints.
D 10 sprints.

18   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 after the transition?

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

19   A Scrum Team estimates a Story using the Planning Poker technique. The Team decides to allocate 5 Story Points to a Story, because the developers estimated 2 points and the testers estimated 3 points.

Which statement is TRUE regarding this scenario?

A   Points are assigned by the Scrum Master, not by the Development Team.
B   Points are assigned for the overall Story, not for parts of the Story.
C   Points are never estimated, but always determined beforehand.
D   The Development Team also needs to ask the Product Owner about the estimate.

20   A customer requests a report that summarises functionality added and defects found and fixed, right at the end of a Sprint.

Who can **BEST** prepare this report?

A   The Product Owner.
B   The Scrum Master.
C   The Development Team.
D   This type of report should not be prepared.

21 What is the primary responsibility of a Scrum Master in order to keep a Scrum Team working at its peak level of productivity?

A Keeping high priority features at the top of the Product Backlog.
B Not allowing changes to the Product Backlog once the Sprint begins.
C Supporting the Development Team's decisions and resolving their issues.

22 Collaboration is the most important parameter for the success of a Scrum Team.

What term best describes this type of interaction?

A Distributed team working.
B Information radiator sharing.
C Osmotic communication.

23 The Product Backlog is ordered from most valuable to least valuable. There are a few criteria that determine how valuable a Product Backlog Item is.

What are these criteria?

A Benefits, Cost, Risks.
B Benefits, Cost, Size.
C Time on the backlog, Cost, Risks.
D Time on the backlog, Cost, Size.

24 While reviewing a bar style release Burn-Down chart, a newly appointed Scrum Master observed that the bottom of the bar had moved above the horizontal axis between Sprint 3 and 4.

What happened in Sprint 3?

A The Development Team finished less than the allocated stories.
B The Development Team finished more than the allocated stories.
C Work got added to the Product Backlog.
D Work got removed from the Product Backlog.

25   A Sprint just concluded and it was a disaster. None of the planned stories were 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 project?

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

26   Who knows most about the progress towards a business objective or a release?

A   The Product Owner.
B   The Scrum Master.
C   The Development Team.

27   For a Sprint, progress is monitored in a Burn-Down Chart.

What does a Burn-Down Chart show?

A   The amount of completed work.
B   The amount of remaining work.
C   The velocity of the Development Team.

28   A Scrum Team failed to meet the Sprint objectives. One of the key members of the Development Team fell ill and was away for 2 days right at the beginning of the 4-week Sprint.

What is the most likely reason that the Team did not meet the Sprint objectives?

A   The Product Owner is unable to prioritise.
B   The Development Team is lacking skills.
C   The Team did not plan the Sprint effectively.
D   The Development Team is over-worked.

29 Your team uses a Kanban board. The Work in Progress (WIP) limit of a column on the Kanban board is reached.

What is expected of you when this happens?

A Assign work to co-workers in the next column to free capacity.
B Enlarge the Work in Progress limit and keep working.
C Help the co-workers in the column with the bottleneck.
D Wait until work is pulled to the next column to free capacity.

30 A Product Owner wants a story to be completed in two days. The Development 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 The Product Owner's.
B The Scrum Master's.
C The Subject Matter Expert.
D The Development Team.

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

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

A The Product Owner.
B The Scrum Master.
C The Development Team.
D The Testers.

32 The Product Owner is going on a three-week vacation. The Team should be closing the current Sprint and starting a new Sprint at the end of the first week of the Product Owner's vacation.

What is the best way to continue the Scrum rituals in this situation?

A Each Scrum Team should ideally have two Product Owners to provide cover.
B The Product Owner should be requested to delay his vacation by a week.
C The Scrum Master should take over and cover for the Product Owner.

33 What is the definition of Velocity of a Team?

A A shared understanding of how fast a Sprint must be done.
B The optimum Work in Progress limit for each Sprint.
C The number of Story Points a Team can finish in 1 Sprint.
D The sum of all completed Sprint Backlog Items.

34 A Scrum Team works on a project in 2-week Sprints. During the Sprint Planning meeting of the fifteenth Sprint, the Scrum Master says:
"We have seen from the last 12 Sprints that we cannot deliver potentially shippable increments in 2 weeks. Let's increase the duration for Sprint 16."

Should the duration be increased?

A Yes, because the Scrum Master can change the Sprint duration.
B Yes, because past Sprint performance is a good reason to change.
C No, because the Sprint duration cannot be changed, for any reason.
D No, because only Development Team members may change Sprint duration.

35 Which contract type is adaptive and therefore fits well with the Scrum way of working?

A The contract type "Time & means or fixed unit".
B The contract type "Fixed price".
C Neither contract type.

36   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-organised.
D   Well trained.

37   Agile planning happens at multiple levels including a daily plan, a sprint plan and a strategic plan.

What term best describes the multi-level planning?

A   Planning Onion.
B   Planning Poker.
C   Sprint Planning.

38   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.

What is the **BEST** event to ask for this feedback?

A   Daily Scrum.
B   Sprint Planning.
C   Sprint Retrospective.
D   Sprint Review.

39   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.

40   What is a Sprint?

A   A brainstorming session in Extreme programming to generate design ideas.
B   A race between two developers to see who can complete a feature fastest.
C   One iteration in the Scrum methodology.
D   The last iteration in the Scrum project, when the Team works long hours to finish the project.

End of Paper