

Participant: (4m9mu)
Event: SCRUM Foundation
(621138), 10.05.2019

Exam Test

SCRUM Foundation

General information

The **duration** of the exam is **45 minutes**.

The exam is a **single choice exam** and includes **30 questions**.

The exam is **passed** if you have marked **20** or more answers correctly.

The **maximum number of points** that can be achieved is **30**.

Assessment

There can be only one correct answer for each question (single choice).

Correctly marked questions are worth **1 point**.

Incorrectly marked questions are worth **0 points** (point deduction within the task).

Non-marked questions are awarded **0 points**.

Paper-based exams

All answers need to be entered in the attached answer sheet. Only those will be taken into account for the evaluation. All examination documents have to be returned to the invigilator.

We wish you great success!

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1) The Product Owner is responsible for the following:

- a) He protects and supports the team in growing together
- b) Decision about the team constellation
- c) Creation of the release plan
- d) Taking over development activities as normal team member

2) Which of the following statements is true for Scrum?

- a) A sprint lasts on average 2-4 days
- b) Requirements are transferred from the Product Backlog into the Sprint Backlog
- c) The Product Owner monitors the Daily Scrums
- d) Should there be conflict, the Scrum Mediation team is activated

3) In order to better track the progress of the project, it is useful to define further metrics. Which of the following metrics can be useful? 1) Number of impediments 2) Planned vs. actual project status 3) Results of individual teams 4) Velocity

- a) all mentioned
- b) Only 1 and 2
- c) all except 1
- d) Only 2 and 4

4) Which of the following aspects is a central value of the Agile Manifesto?

- a) Contract negotiations must lead to detailed contracts
- b) The people are at the centre of software development
- c) The strict compliance with project plans
- d) Efficient use of project management tools

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5) It is often useful to split user stories. In doing so, the following applies:

- a) Splitting stories is not part of the refinement and should not claim capacity of the development team
- b) The splitting of stories is part of the five 5 Scrum events
- c) The subdivisions and the associated depth of detail result in more precise estimates
- d) Splitting stories can also be applied when the Product Backlog is initially filled by the Scrum Master

6) The Sprint Backlog can be structured as time management system, in order to track the sprint's progress. In doing so, which of the following characteristics does not apply to the Sprint Backlog?

- a) It contains the requirements and tasks to which the team has committed itself
- b) It is the result of the Sprint Planning
- c) It should be updated at least once a day
- d) It contains the product owner's estimation of efforts

7) Which of the following statements with regards to the development team is true?

- a) Detailed questions about requirements are clarified in Scrum by the development team directly with customers without the involvement of the product owner
- b) A development team should have more than 20 members
- c) The development team should be able to work autonomously in such way, so that the sprint goal can be achieved without any external dependencies
- d) Efficiency hardly plays a role in the development team, as only effectivity is assessed

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8) In the release management, the interrelations of the individual planning levels is important. Which of the following is not correct?

- a) The release consists of at least one sprint
- b) In projects, which consist of less than 6 sprints, release planning is generally not required
- c) A task can be completed within one sprint
- d) A task is attributed to a user story

9) Which of the following questions is not answered in the Daily Scrum?

- a) Which activities have I completed since the last Daily?
- b) What am I planning to work on before the next Daily?
- c) Are there any impediments that may block my activities?
- d) Which requirements from the Product Backlog are not estimated correctly?

10) What should be taken into account, when introducing Scrum?

- a) The management should advocate a structural change in the company
- b) Management can influence the work of the development team in the first sprint
- c) The Product Owner also assumes the role of Scrum Master in the first project
- d) The Scrum Master assembles the team and has personnel responsibility for the team members

11) Which of the following statements describes the velocity chart?

- a) The development speed report can assist in directly extrapolating to the story points of the next sprint
- b) The Velocity Chart shows the development speed of the next sprint
- c) The x-axis depicts the individual sprints
- d) The ideal curve in the development speed area is the typical sawtooth (zigzag) curve

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12) The prioritisation of the Product Backlog by the Product Owner is an important tool to steer the project. When prioritising, the following should be considered:

- a) that requirements with a high risk and great added value should be implemented as soon as possible
- b) that requirements with a high risk and little added value should be implemented first
- c) that the most important requirements are not implemented first
- d) that requirements with a high risk and great added value should be implemented towards the end of the project

13) Which of the following statements is true with regards to the Scrum Master

- a) In the figurative sense of traditional project management methods, the Scrum Master takes the role of the project lead
- b) For an efficiently working team, the Scrum Master should have authority with regards to the team's work organisation
- c) The Scrum Master is responsible for the Scrum-process and its correct implementation
- d) In order to strengthen the role of the Scrum Master, he should have personnel responsibility for the team members

14) There are different ways to determine the velocity (development speed). Which of the following statements is true?

- a) If a release plan has to be created before the first sprint, the development speed can be estimated with the help of the team
- b) The development speed is independent of the size of the development team
- c) Development speed should increase by at least 20% from Sprint to Sprint
- d) The development speed will be set in the sprint retrospective for the following sprint

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15) Which of the following characteristics is not correct for a product increment in Scrum?

- a) It is tested
- b) It has to be potentially releasable, but not necessarily documented yet
- c) It is documented
- d) It is potentially releasable

16) Which statement is true with regards to the Scrum Master?

- a) In order to prevent rivalry amongst the team, the Scrum Master should be appointed by the management
- b) It is of advantage, if the Scrum Master holds personnel responsibilities for the team members
- c) The less work the Scrum Master has, the more productive is the team
- d) The role of the Scrum Master is most comparable with a traditional project management role.

17) When dealing with complex systems, the creation of a product concept can be useful. Which of the following statements are true?

- a) The product concept exclusively describes the greatest added value of the product
- b) After the Product Backlog has been initially filled, one should summarise the fundamental product aspects and characteristics in a concept
- c) A product concept is only used in large and distributed projects
- d) Initially, the product concept is formulated based on the product idea and before the Product Backlog is filled.

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18) For the Sprint Planning it is important that requirements are formulated in a clear and unambiguous way. In doing so, requirements should fulfil the INVEST-properties. Here, the following is true:

- a) The "S" in INVEST stands for specific
- b) The "T" in INVEST stands for timeboxed
- c) The "I" in INVEST stands for innovation
- d) The "V" in INVEST states that the use of the requirement should be clear (valuable)

19) Which of the following statements with regards to the Sprint Review is not correct?

- a) Stakeholders may also be invited to the Sprint Review, in order to give unfiltered feedback to the team
- b) The meeting takes place at the end of the Sprint and lasts for a maximum of 2 hours
- c) The Scrum Master invites to the Sprint Review
- d) The aim of the Sprint Review is the assessment and approval of the working results of the sprint

20) Which of the following statements with regards to sprints is correct?

- a) In the Daily Scrum improvement measures are implemented
- b) A Sprint last for a maximum of 30 days
- c) Every sprint generates ist own and independent product increment
- d) Goal of the Sprint Planning is the identification of improvement measures

21) Which of the following is a Scrum value?

- a) Courage
- b) Flexibility
- c) Empiricism
- d) Agility

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22) Which of the following statements is correct?

- a) The Scrum Master has the sole decision power over the product requirements
- b) The Sprint Backlog describes a subset of requirements on the product
- c) The Product Backlog exclusively holds requirements of a sprint
- d) The Product Owner supervises the team's compliance with the Scrum rules

23) Which of the following is a Scrum artefact?

- a) Sprint Goal
- b) Product Backlog
- c) Product Concept
- d) Refinement Backlog

24) In the Sprint Planning an accurate estimation of effort is important. Which of the following statements is not true?

- a) The Fibonacci sequence is a possible number sequence for Planning Poker
- b) In Scrum, the effort of a requirement is measured against a comparable reference requirement
- c) Planning Poker is a method to bring about team decisions
- d) In Scrum, only Story Points may be used as indicator for the efforts

25) In Scrum, which decisions are not made by the development team?

- a) Which work results are accepted in the Sprint Review
- b) Which requirements are planned for implementation in a sprint
- c) Which rules apply for all team members
- d) Where and at what time the Daily Scrum takes place

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26) If a project uses "Scrum of Scrums", then it has the following characteristic:

- a) The Scrum of Scrums is usually moderated by the Chief Product Owner
- b) Scrum of Scrums will only take place on a size of at least 5 Scrum teams
- c) In addition to the Daily Scrums, another, very similar meeting takes place - the so called Scrum of Scrums
- d) Only the Scrum Masters participate in the Scrum of Scrums

27) Until a Scrum Team works in an optimal and efficient way, it undergoes a long team process. In doing so, the following applies:

- a) The get together phase is called "finding" according to Tuckman
- b) According to Tuckman, the "Forming" phase is directly followed by the "Performing" phase
- c) After the team has reached an agreement about the working methods and norms, it undergoes the dispute phase
- d) The dispute phase is referred to as "Storming" by Tuckman.

28) Who creates the product increment?

- a) The Product Owner
- b) The Scrum Master
- c) The Scrum Team
- d) The Development Team

29) Who is not a member of the Scrum Team?

- a) Development Team
- b) Stakeholder
- c) Product Owner
- d) Scrum Master

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- 30) Which characteristics has the Product Owner Team in large projects according to Scrum? 1) It consists of at least the Product Owners of all teams 2) It has a Chief Product Owner, who at the same time is responsible for the entire product 3) It can organise itself according to the Scrum rules and appoint a Scrum Master for the Product Owner team. 4) It can be useful to include an additional expert (e.g. a member of the marketing team) in the Product Owner Team**
- a) 1, 2 and 3
 - b) Only 2 and 3
 - c) Only 1 and 2
 - d) all mentioned

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Answer sheet

SCRUM Foundation

Date: 10.05.2019

Venue :

No. : 621138

Participant data (Please fill in block letters)

Blank-Code: 4m9mu

ID:

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Form of address: [] Ms. [] Mr.

Name:

First name:

Date of birth:

Place of birth:

Signature:

Result:

_____ of max. 30 correct answers

corresponds with _____ %

[] Exam passed

[] Exam not passed

Invigilator

4m9mu-82167-0



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Solution sheet

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Venue :

No. : 621138

SCRUM Foundation

No. : 621138

10.05.2019 in

Pass mark

Maximum score

30

Passed at

66 %

min. 20 Punkte

Points	Percentage	Points	Percentage	Points	Percentage
30	100 %	min.--> 20	66 %	10	33 %
29	96 %	19	63 %	9	30 %
28	93 %	18	60 %	8	26 %
27	90 %	17	56 %	7	23 %
26	86 %	16	53 %	6	20 %
25	83 %	15	50 %	5	16 %
24	80 %	14	46 %	4	13 %
23	76 %	13	43 %	3	10 %
22	73 %	12	40 %	2	6 %
21	70 %	11	36 %	1	3 %
min.--> 20	66 %	10	33 %		