Agile development - Exam Paper

Duration: 60 minutes | Mark: 15

Note: Students choose the answer by highlighting "yellow" in the answer section.

Questions:

Why is it important to trust the team?

○ High trust teams do not have to be accountable to each other

○ High trust teams do not require a user representative

○ The Project Manager does not then have to keep a project schedule

○ The presence of trust is positively correlated with the team performance

What does NOT belong to the agile manifesto's main pillars?

○ Individuals and interactions over processes and tools

○ Working software over comprehensive documentation

○ Processes over people

○ Customer collaboration over contract negotiation

What is the Scrum approach to doing design early in a project?

○ A big design up front is always a good idea

○ Just enough design up front gives a good foundation to start from and helps to mitigate risks, without wasting unnecessarily time

○ No design up front is the best approach as the most exciting part of a project is in discovery of the unexpected

○ Design has no place in an Agile project

Which one of the following is NOT traditionally an activity of the Scrum framework?

○ Sprint planning

○ Sprint review

○ Sprint retrospective

○ Weekly inspection

The Scrum approach to documentation is:

○ Do no documentation because it is a waste of time

○ Do the necessary documentation to support the development and use of the product

○ Do sufficient documentation to prove you have done a good job

○ Do more documentation than usual, because Agile is risky

Which of the following choices is a key reason to adopt an agile process like Scrum?

○ To be up to date on the latest process

○ To shake things up in the organization

○ To hold programmers and testers accountable for their work

○ To be better able to respond to change

During a sprint the developers should be:

○ In contact with the product owner twice daily

○ Allowed to work without interruptions from the product owner

○ Able to contact the product owner to clarify aspects of the work

○ Able to work without needing to disturb the product owner

What is meant by Kan Ban?

○ A list of activities banned by the team, in relation to Team Norms

○ The set of Can Have stories for a project

○ A visible chart of work to do, work in progress and work done

○ A graph of tasks partially-completed by the team

What should the developers do if the product owner is repeatedly too busy to be available?

○ Continue the work, record the assumptions and ask the customer later for input

○ Send the customer a written warning that the end product will be completed on time, but may not meet their needs

○ Allow the Business Analyst to take on the role of Proxy Customer Representative

○ Draw the problem to the attention of the Scrum Master

Who ultimately decides when the team has enough work for the sprint in planning?

○ The ScrumMaster

○ The product owner

○ The team

○ The product owner, ScrumMaster and team vote to determine when the sprint backlog is full

Which of these best describes the Scrum approach to team work?

○ The team should plan to work a small amount of overtime regularly throughout the project

○ The team should expect to work longer hours towards the end of the sprint, in order to deliver all that was committed to

○ The team should strive for a sustainable pace and a normal working week

○ The team will "burn out" if they have to work overtime for more than two sprints in a row

Which statement of the following is the best description for sprint?

○ A sprint is a condensed amount of time where a development works as many hours as they need to in order to finish the work assigned to them.

○ A sprint is a pre-specified amount of time in which the development team works at a sustained pace to complete a chosen set of tasks.

○ A sprint is a fixed amount of time set aside for team to run tests and fix any outstanding bugs right before the product ships

○ A sprint is a pre-specified period of time during which team members choose individual items from the product backlog to work on. As each item is completed a new item is brought into the sprint.

What are the two main artifacts of a sprint planning meeting?

○ A sprint goal and a sprint backlog

○ A requirements documents and a Gantt chart

○ A requirements documents and a test plan

○ A test plan and a Gantt chart

Which of the following are roles in the Scrum framework?

○ Product Owner

○ Project Manager

○ Lead Developer

○ Business Analyst

What kind of software development projects can be executed by Scrum Framework?

○ Complete software packages

○ Customer projects

○ All kinds of software development projects

○ Sub-systems, components or parts of bigger systems

Who should define the business value of a Feature within the Scrum Project?

○ The individual end-users

○ The Product Owner

○ The Business Analyst

○ The Business Sponsor

When handling team dynamics, what should the Scrum Master do?

○ Empower the team members, within appropriate limits

○ Encourage an environment of competition and personal advantage

○ Give clear directives to the team about what they should do and how

○ Expect team members to be proactive and work on their own priorities and objectives

Which of the following responsibilities is NOT one of the Scrum Master's

O   Removing impediments

O   Facilitating meetings

O   Reminding the team of the process

O   Assigning tasks to team members

One of the development stages you would expect to see a team go through is:

O   Storming

O   Warming

O   Cloning

O   Yawning

What is most important in all Scrum projects? A) Self-organization B) Clear hierarchies in the company C) Communication D) Continuous improvement

O   A, B, C, D

O   A, C, D

O   A, D

O   A, B

A Scrum Team .....

O   Is self-organizing, with each member having the same technical skills

O   Collaborates and supports its team members

O   Ensures that weak members of the team are allocated the simpler tasks

O   Ensures blame is allocated fairly

End of exam