

Examen : Session principale

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SCRUM Test

Pick the right choice.

- 1- The Sprint Planning Meeting consist of _____ session(s).
 - a. One
 - b. Two
 - c. Three
 - d. Four
- 2- What kind of software development projects can be executed by Scrum Project Management Framework ?
 - a. Complete software packages
 - b. Customer projects
 - c. Sub-systems, components or parts of bigger systems
 - d. All kinds of software development projects
- 3- _____ can change the priority of items in the _____ backlog at any time.
 - a. The product owner, Sprint
 - b. The Team, Product
 - c. The Product owner, Product
 - d. The Scrum Master, Sprint
- 4- When should the Sprint Retrospective be held ?
 - a. Only at the end of last sprint
 - b. In the middle of each sprint
 - c. At the end of each sprint
 - d. At the beginning of last sprint
- 5- What is the best length of an itération in Scrum ?
 - a. 1 week
 - b. There is no ideal iteration length. It dépends on the project and can vary
 - c. 2 weeks
 - d. 1 month
- 6- Who provides estimates in Scrum ?
 - a. The Scrum Master and the Development Team
 - b. The Development Team only
 - c. The Product owner, The Scrum Master, and the development Team
 - d. It dépends

- 7- Which of the following is an example of an increment of working software ?
- A new user interface design for functionality delivered in previous integration
 - A decomposition of all Product Backlog into tasks for future Sprint Backlog lists
 - Additional feature that complement those delivered in previous iteration
 - UML diagrams that describe how to deliver functionality in future integration
- 8- Ahmed as the scrum master of a scrum team is invited for a daily stand-up meeting at 9 am. During the meeting the whole team gets into a deep discussion and they finally start blaming each other. What should he do in such situation?
- Wait until people calm down again and continue with the meeting
 - Stop the discussions and continue with the meeting
 - Interrupt the meeting and continue it later that day
 - Discuss the situation with the team and decide together what to do to improve the situation
- 9- Which statement best describes Scrum?
- A complete methodology that defines how to develop software.
 - A cookbook that defines best practices for software development.
 - A framework within which complex products in complex environments are developed.
 - A defined and predictive process that conforms to the principles of Scientific Management.
- 10- The Product Backlog is ordered by:
- Small items at the top to large items at the bottom.
 - Safer items at the top to riskier items at the bottom.
 - Least valuable items at the top to most valuable at the bottom.
 - Items are randomly arranged.
 - Whatever is deemed most appropriate by the Product Owner.
- 11- The Product Owner role and Scrum Master role are never included in the Development Team size count :
- True.
 - False.
- 12- Scrum allows for re-estimating tasks based on growing insight. Which Scrum team member is responsible for updating the estimates of the work during a Sprint?
- The Development Team.
 - The Scrum Master.
 - The most senior member of the Team.
 - The Product Owner.
- 13- Resolving internal conflicts is NOT the responsibility of the Development Team:
- True.
 - False.
- 14- When does the next Sprint begin?
- Next Monday.
 - Immediately following the next Sprint Planning.
 - When the Product Owner is ready.
 - Immediately after the conclusion of the previous Sprint.

- 15- What is the main reason for the Scrum Master to be at the Daily Scrum?
- To make sure every team member answers the three questions in the right team member order.
 - He or she does not have to be there; he or she only has to ensure the Development Team has a Daily Scrum.
 - To write down any changes to the Sprint Backlog, including adding new items, and tracking progress on the burndown.
 - To gather status and progress information to report to management.
- 16- What is defined by the Scrum Framework?
- Rules & Roles
 - Document guidelines
 - Artifacts and events
- 17- Development Team members volunteer to own a Sprint Backlog item:
- At the Sprint planning meeting.
 - Never. All Sprint Backlog Items are "owned" by the entire Development Team, even though each one may be done by an individual development team member.
 - Whenever a team member can accommodate more work.
 - During the Daily Scrum
- 18- Who should know the most about the progress toward a business objective or a release, and be able to explain the alternatives most clearly?
- The Product Owner.
 - The Development Team.
 - The Scrum Master.
 - The Project Manager
- 19- Which ones of the following main events are defined by Scrum Framework?
- Sprint Planning Meeting
 - Sprint Retrospective Meeting
 - Sprint Review Meeting
 - Mid-Sprint Status Review Meeting
 - Daily Scrum Meeting
- 20- What are the advantages of the Scrum Framework?
- Fine-grained requirements are only defined when they are really needed.
 - All activities to design, build and test a certain functionality are kept together in one phase.
 - Changes are expected and welcomed by Scrum team.
 - All of the given answers
 - None of the given answers

Exercise 2 : IDM (5 points)

On considère les diagrammes de classes d'UML.

1-On vous demande de fournir le diagramme de classes qui modélise les diagrammes de classes UML. Il s'agit d'utiliser la notation des diagrammes de classes pour décrire les diagrammes de classes.

2- D'un point de vue de l'IDM, que représente le diagramme obtenu dans la question 1.