**Agile Basics**

1. **Which of the following is NOT a principle of Agile development?**  
   A) Customer collaboration over contract negotiation  
   B) Working software over comprehensive documentation  
   C) Responding to change over following a plan  
   D) Strict adherence to a fixed timeline
2. **What is the Agile Manifesto primarily focused on?**  
   A) Building software faster  
   B) Improving team communication  
   C) Improving business processes  
   D) Values and principles for software development
3. **Which Agile methodology emphasizes working in short, iterative cycles and focuses on customer feedback?**  
   A) Scrum  
   B) Waterfall  
   C) Lean  
   D) Kanban
4. **Which of the following is a key characteristic of Agile teams?**  
   A) Working in isolation from stakeholders  
   B) Frequent delivery of working software  
   C) Using detailed project plans  
   D) Extensive documentation
5. **In Agile, who is responsible for defining the product features?**  
   A) Scrum Master  
   B) Product Owner  
   C) Development Team  
   D) Stakeholder
6. **What is a Sprint in Agile methodology?**  
   A) A planning phase  
   B) A review meeting  
   C) A fixed-length iteration where development work is completed  
   D) A process for bug fixing
7. **Which of the following is the purpose of a retrospective meeting in Agile?**  
   A) To plan the upcoming sprint  
   B) To review progress and adapt the process  
   C) To present the final product to the stakeholders  
   D) To prioritize the product backlog
8. **What is the role of a Scrum team in Agile?**  
   A) Develop the product increment and work with the Product Owner to prioritize tasks  
   B) Monitor the progress of the development process  
   C) Report project status to stakeholders  
   D) Define and manage product requirements
9. **In Agile, how often should the team hold a Sprint Planning meeting?**  
   A) Once at the beginning of the project  
   B) At the end of each iteration  
   C) At the beginning of each Sprint  
   D) After each stakeholder meeting
10. **Which of the following is a key benefit of Agile development?**  
    A) Fixed scope and timeline  
    B) Better collaboration between the business and development teams  
    C) Comprehensive documentation  
    D) Detailed upfront

**Scrum Project**

1. **What is the Scrum framework primarily used for?**  
   A) Managing resources  
   B) Managing risks  
   C) Software development  
   D) Project budgeting
2. **Which of the following is NOT a Scrum role?**  
   A) Scrum Master  
   B) Product Owner  
   C) Development Team  
   D) Project Manager
3. **What is the maximum length of a Scrum Sprint?**  
   A) 1 week  
   B) 1 month  
   C) 6 months  
   D) 3 months
4. **How does the Scrum Team deliver the product?**  
   A) By creating a final product release after the project is complete  
   B) By delivering a working increment at the end of each Sprint  
   C) By following a detailed, pre-defined plan  
   D) By completing tasks on a predefined timeline
5. **What is the Product Backlog in Scrum?**  
   A) A list of tasks to be completed during a Sprint  
   B) A list of features, enhancements, and fixes that are needed for the product  
   C) A record of Scrum meetings  
   D) A schedule of team activities
6. **Who is responsible for the Product Backlog in Scrum?**  
   A) Scrum Master  
   B) Development Team  
   C) Product Owner  
   D) Stakeholders
7. **What is the purpose of the Sprint Review in Scrum?**  
   A) To update the project schedule  
   B) To showcase the completed work and get feedback from stakeholders  
   C) To assign tasks to team members  
   D) To plan the next Sprint
8. **What is the Scrum Master responsible for?**  
   A) Defining the product vision  
   B) Managing the product backlog  
   C) Ensuring the Scrum team follows Scrum practices  
   D) Approving the final product
9. **How does the Scrum Master help the Scrum team?**  
   A) By leading the team in decision-making processes  
   B) By removing obstacles that prevent the team from meeting goals  
   C) By prioritizing the Product Backlog  
   D) By writing code and delivering features
10. **What is a Scrum Sprint?**  
    A) A fixed-length iteration where work is completed  
    B) A meeting to discuss backlog priorities  
    C) A planning phase at the beginning of the project  
    D) A task to fix bugs in the product

**Product Owner**

1. **What is the primary role of the Product Owner in Scrum?**  
   A) To facilitate Scrum ceremonies  
   B) To prioritize the Product Backlog  
   C) To write code  
   D) To coach the team on Agile practices
2. **Which of the following is NOT a responsibility of the Product Owner?**  
   A) Defining the product vision  
   B) Prioritizing the product backlog  
   C) Writing detailed code documentation  
   D) Clarifying requirements and answering questions from the team
3. **Who can change the priorities of the Product Backlog?**  
   A) Scrum Master  
   B) Development Team  
   C) Product Owner  
   D) Stakeholders
4. **In Scrum, who decides whether an item in the Product Backlog is ready for development?**  
   A) Scrum Master  
   B) Development Team  
   C) Product Owner  
   D) Stakeholders
5. **What is the key characteristic of a well-prioritized Product Backlog?**  
   A) It is always complete and unchangeable  
   B) It is regularly updated with the highest priority items at the top  
   C) It contains detailed technical specifications for each feature  
   D) It has a strict sequence of tasks that cannot be modified
6. **How does the Product Owner engage with stakeholders?**  
   A) By setting up meetings with the Development Team  
   B) By continuously collecting feedback and refining the backlog  
   C) By writing all the user stories themselves  
   D) By managing the team’s performance
7. **What should the Product Owner do if there is a conflict between stakeholders regarding a feature?**  
   A) Ignore the disagreement and move on  
   B) Facilitate a discussion to reach a consensus on priorities  
   C) Let the Scrum Master make the final decision  
   D) Delegate the decision-making to the Development Team
8. **Who does the Product Owner communicate with to understand customer needs?**  
   A) Scrum Master  
   B) Development Team  
   C) Stakeholders, customers, and end-users  
   D) Project Manager
9. **What happens if the Product Owner is unavailable for a Sprint?**  
   A) The Scrum Master takes over the Product Owner’s responsibilities  
   B) The Sprint is canceled  
   C) The team continues working without changes to priorities  
   D) The Development Team takes full responsibility for managing the backlog