Agile Practices CA 1

**1. Which of the following is NOT a characteristic of Agile?**

A) Iterative development  
B) Waterfall planning  
C) Continuous feedback  
D) Collaboration

**2. What is the primary purpose of a sprint retrospective?**

A) To review the product backlog  
B) To evaluate team performance and improve the process  
C) To refine user stories for the next sprint  
D) To deliver the final product

**3. In Agile, a ‘burn-down chart’ is used to track:**

A) The velocity of the team  
B) The number of defects in a release  
C) The percentage of code coverage  
D) Remaining work in the sprint

**4. A Scrum Master is responsible for:**

A) Assigning tasks to team members  
B) Removing impediments for the team  
C) Writing user stories  
D) Approving the final product

**5. Which Agile framework is known for its Kanban board visualization?**

A) Scrum  
B) Kanban  
C) SAFe  
D) XP (Extreme Programming)

**6. What does the term ‘velocity’ mean in Scrum?**

A) The number of sprints completed  
B) The team’s efficiency score  
C) The rate at which a team completes work items  
D) The speed at which the product is deployed

**7. Which role in Scrum is responsible for maximizing the value of the product?**

A) Scrum Master  
B) Development Team  
C) Product Owner  
D) Project Manager

**8. What is the recommended duration of a sprint in Scrum?**

A) 6 months  
B) 2–4 weeks  
C) 1 year  
D) 3–6 months

**9. In Agile, the Definition of Done (DoD) helps to ensure:**

A) A fixed project scope  
B) Code is written quickly  
C) Transparency and consistency in completed work  
D) All features are delivered in one go

**10. The Agile Manifesto values:**

A) Processes and tools over individuals and interactions  
B) Comprehensive documentation over working software  
C) Responding to change over following a plan  
D) Contract negotiation over customer collaboration

**11. Who is responsible for prioritizing the product backlog?**

A) Development Team  
B) Scrum Master  
C) Product Owner  
D) Agile Coach

**12. What is the main goal of Continuous Integration (CI) in Agile?**

A) To deploy the product after every sprint  
B) To merge code changes frequently to detect integration issues early  
C) To eliminate testing from the development cycle  
D) To reduce the number of sprints required

**13. What is an Epic in Agile?**

A) A large user story that can be broken down into smaller ones  
B) A high-priority bug  
C) A sprint retrospective meeting  
D) A task assigned to the Scrum Master

**14. Which Agile framework scales Scrum for large enterprises?**

A) Lean  
B) Kanban  
C) SAFe (Scaled Agile Framework)  
D) Crystal

**15. Agile teams prefer face-to-face communication because:**

A) It speeds up the approval process  
B) It allows management to have better control  
C) It helps avoid misunderstandings  
D) It reduces documentation efforts

**16. What is the primary metric used in Kanban?**

A) Sprint velocity  
B) Cycle time  
C) Story points  
D) Sprint length

**17. Which of these is NOT a Scrum event?**

A) Sprint Planning  
B) Daily Standup  
C) Sprint Review  
D) Test Execution

**18. The INVEST acronym helps in creating good user stories. What does the ‘V’ stand for?**

A) Velocity  
B) Valuable  
C) Viable  
D) Verified

**19. What is a spike in Agile?**

A) A placeholder task in the backlog  
B) A completed sprint with no deliverables  
C) A time-boxed research activity to explore unknowns  
D) A sudden increase in workload

**20. The purpose of a daily standup is to:**

A) Review the final product  
B) Synchronize team efforts and address blockers  
C) Assign new tasks to developers  
D) Approve sprint extensions

**21. What is the term for Agile contracts where the cost and time are fixed, but scope is flexible?**

A) Fixed-price contracts  
B) Agile funding  
C) Fixed-time, variable-scope contracts  
D) Time and materials contracts

**22. What does TDD (Test-Driven Development) emphasize?**

A) Writing tests before writing code  
B) Writing all test cases after the project is complete  
C) Relying only on manual testing  
D) Avoiding automated testing

**23. What is the purpose of a Product Roadmap in Agile?**

A) To outline a long-term vision for the product  
B) To replace the backlog  
C) To define individual sprint tasks  
D) To document every requirement in detail

**24. What is meant by ‘WIP limits’ in Kanban?**

A) A backlog refinement process  
B) A deadline for product delivery  
C) A restriction on work-in-progress items to improve flow  
D) The total number of tasks completed in a sprint

**25. Agile teams release increments frequently to:**

A) Deliver value to customers faster  
B) Avoid stakeholder involvement  
C) Avoid unexpected customer feedback  
D) Reduce testing efforts

**26. What is the primary goal of backlog refinement?**

A) To create a detailed Gantt chart  
B) To eliminate low-priority stories  
C) To define the final project scope  
D) To ensure backlog items are ready for upcoming sprints

**27. The Agile principle of ‘Simplicity’ encourages:**

A) Expanding the project scope  
B) Adding more documentation  
C) Increasing sprint durations  
D) Reducing unnecessary work

**28. What is a common pitfall of Agile adoption?**

A) Delivering working software frequently  
B) Focusing only on tools instead of mindset  
C) Too much emphasis on customer collaboration  
D) Flexibility in responding to change

**29. How does DevOps complement Agile?**

A) By emphasizing automation and continuous delivery  
B) By replacing Agile frameworks like Scrum  
C) By reducing the role of developers in the process  
D) By removing the need for product backlogs

**30. The Scrum Guide suggests that the Development Team should be:**

A) Managed by the Scrum Master  
B) Fixed in size with predefined roles  
C) Responsible only for coding  
D) Self-organizing and cross-functional