**Assignments- Scrum Swapnil Gaikwad**

1. What are the primary responsibilities of a Product Owner?

Answer-

* Product owner is responsible for product delivery.
* Product owner is mostly from client team.
* Product owner will understand requirement from client and share with development team.

1. What are the key responsibilities of a Scrum Master?

Answer-

* Scrum master is responsible to manage agile team.
* Scrum master may be from client team / vendor team.
* Scrum master will schedule below calls:
  + Scrum Calls/ Standup Call
  + Sprint Demo
  + Sprint Retrospective Calls

1. What is the role of a Development Team in a Scrum project?

Answer-

Deliver potentially shippable increments of the product at the end of each Sprint.

Collaborate on Sprint Planning, task breakdown, and execution.

Self-organize to decide how to achieve the Sprint Goals.

Maintain quality and follow technical best practices.

1. What is a Sprint?

Answer-

A time-boxed period (usually 1–2 weeks) during which the Scrum Team works to deliver a specific set of Product Backlog items.

1. What happens during Sprint Planning?

Answer-

The Product Owner presents prioritized backlog items.

The team selects items to complete in the Sprint.

The team defines the Sprint Goal and creates a plan for achieving it.

1. How does Sprint Retrospective help improve the team's process?

Answer-

It allows the team to reflect on the Sprint and identify areas for improvement.

The team discusses what went well, what didn’t, and agrees on actionable steps to enhance future Sprints.

1. What is a User Story and how is it written?

Answer-

A User Story is a brief, simple description of a feature or functionality written from the user’s perspective.

Format: **As a** [type of user],

**I want** [action]

**So that** [benefit].

1. What are Story Points?

Answer-

Story Points are a unit of measure used to estimate the effort required to complete a task, considering complexity, risk, and size.

1. How to estimate Story Point?

Answer-

* + 1 story point = 6 hours
  + User can take max 10 story points.
  + Story point may be 1, 2, 3, 5, 8

1. What is an EPIC?

Answer-

An EPIC is a large user story that can be broken down into smaller, more manageable user stories.

1. What is a Product Backlog?

Answer-

A prioritized list of features, enhancements, and bug fixes that the Scrum Team needs to deliver.

1. What is a Sprint Backlog?

Answer-

A subset of the Product Backlog that the team commits to completing during a Sprint.

It includes tasks necessary to deliver the selected backlog items.

1. What are the key Scrum ceremonies and their purposes?

Answer-

Sprint Planning: Define the Sprint Goal and plan work.

Daily Stand-up: Track progress and address blockers.

Sprint Review: Present work to stakeholders and gather feedback.

Sprint Retrospective: Reflect on the Sprint and improve processes.

1. What is the goal of a Sprint Review?

Answer-

To inspect the product increment and gather stakeholder feedback to improve future work.

1. What are some popular tools used for Agile project management?

Answer-

Jira, Trello, Asana, Monday.com, Azure DevOps, and ClickUp.