✓ **Congratulations! You passed!**
TO PASS 100% or higher

Keep Learning

GRADE
100%

Sprint Planning and Tracking

TOTAL POINTS 6

1. In Scrum, when is the sprint backlog created?

   1 / 1 point

   ○ At the beginning of the project

   ● During the sprint planning meeting

   ○ During the backlog refinement meeting

   ○ Whenever needed

   > ✓ **Correct**
   > Sprint backlog is created during the sprint planning meeting.

2. In Scrum, how is the Product Backlog arranged?

   1 / 1 point

   ● Most important items at the top, least important items at the bottom.

   ○ Large items at the top, small items at the bottom.

   ○ Into categories, P1, P2, P3, etc.

   ○ Items are randomly arranged.

   > ✓ **Correct**
   > The product backlog is arranged so that the highest priority items are on the top. During the sprint planning meeting, the team selects the items from the top of product backlog to work on.

3. In which artifact is the customer requirements stored?

   1 / 1 point

   ● In the Product Backlog

   ○ In a database

   ○ In a Scrum Product Requirement Specification

   ○ Nowhere. The Scrum Product Owner knows them

   > ✓ **Correct**
   > According to the scrum framework, the product backlog contains all of the user stories to be developed.

4. What is usually plotted on the x-axis of the Sprint Burndown Chart?

   1 / 1 point

   ● Days of the sprint

   ○ Tasks

   ○ Hours

   ○ Team member names

   > ✓ **Correct**
   > True. See the video on "Sprint Planning" for more info.

5. What is a Sprint Burndown Chart?

   1 / 1 point

   ○ A sprint plan which is burned to celebrate successful completion of sprint.

   ● A chart showing the trend of work remaining across time in a sprint.

   ○ A chart showing the trend of work accomplished across time in a sprint.

   ○ A graph to measure human burnout effect due to fast pace of sprint

   > ✓ **Correct**
   > That's right! Burn-down charts show the work remaining in the sprint as a function of time while burn-ups show the work accomplished over time. See the video on Sprint Planning and Tracking for more information.

6. Your team is planning out the next sprint. You've chosen to fill the sprint by taking stories in priority order from the product backlog and stopping when you reach the first story that won't fit in the sprint.

   1 / 1 point

   Based on following details, which stories should the team commit to for a sprint?

   Table 1: Prioritized story with estimated story points and total estimate in hrs of tasks for that story.

Story	Story Points	Total of Tasks Estimates
Story 1	5	16 hrs
Story 2	8	16 hrs
Story 3	5	24 hrs
Story 4	3	16 hrs
Story 5	13	32 hrs
Story 6	8	26 hrs
Story 7	5	8 hrs
Story 8	8	15 hrs

Story 9	5	12 hrs

Table 2: Capacity of Team members for given sprint

Name	# days available	Hours / day	Capacity (hrs) *You compute this*
John	3	4-5	
Matt	5	2-3	
Sally	5	4-5	
Ram	5	2-3	

- ⦿ Story 1, Story 2, and Story 3
- ○ Story 1, Story 2, Story 3, and Story 4
- ○ Story 1 and Story 2
- ○ Story 1, Story 2, Story 3, and Story 7

✓ **Correct**

Name	# days available	Hours / day	Capacity (hrs)
John	3	4-5	12-15
Matt	5	2-3	10-15
Sally	5	4-5	20-25
Ram	5	2-3	10-15
Total			52-70

They can commit to **Story 1, Story 2, and Story 3 (total of 56 hrs)**.

Table 2: Capacity of Team members for given sprint

Name	# days available	Hours / day	Capacity (hrs) *You compute this*
John	3	4-5	
Matt	5	2-3	
Sally	5	4-5	
Ram	5	2-3	