**Module 4 Assessment (Graded)**

1.Question 1

The Agile Unified Process follows Agile principles. What practices or techniques are added to the basic Unified process? (Choose two that are correct)



Architecture models



Eliminating waste



Incremental releases



Test-driven development

**ANSWER:** (c) Incremental releases

(d) Test-driven development

2.Question 2

Which practices waste time during software development? (Choose two that are correct)



The working software is shown to the client, who offers constructive feedback.



Everyone is aware of the progress through an updated Kanban board.



There are delays in receiving work products.



Meetings are scheduled weekly, whether or not they are needed.

**ANSWER:** (c) There are delays in receiving work products.

(d) Meetings are scheduled weekly, whether or not they are needed.

3.Question 3

How can waste arise in software development? (Choose two that are correct)



There are product defects found late in the development.



Developers work on rarely used product features.



Required features expected to be developed in a sprint are fully "done".



Knowledge about the developers' skills is shared among the team.

**ANSWER:** (a) There are product defects found late in the development.

(b) Developers work on rarely used product features.

4.Question 4

In Lean software development, how can amplifying learning occur? (Choose two that are correct)



The developers choose technologies that force them to learn new skills.



The developers make different solutions, each with the exact same features.



The developers write and run tests.



The developers use short iterations.

**ANSWER:** (c) The developers write and run tests.

(d) The developers use short iterations.

5.Question 5

In Lean software development, what does empowering the team mean? (Choose two that are correct)



Managers tell the developers how to do their tasks.



Managers do not tell the developers how to do their tasks.



Developers are trusted to make the right technical decisions.



There are no managers.

**ANSWER:** (b) Managers do not tell the developers how to do their tasks.

(c) Developers are trusted to make the right technical decisions.

6.Question 6

In Lean software development, what does the additional principle of using the scientific method mean? (Choose two that are correct)



The developers wear lab coats to look like scientists.



Decisions are made by trusting intuition.



A product manager supports claims or decisions using user data.



A product manager initiates experiments to collect user data and test hypotheses.

**ANSWER:** (c) A product manager supports claims or decisions using user data.

(d) A product manager initiates experiments to collect user data and test hypotheses.

7.Question 7

In Kanban, tasks are done only when they are absolutely needed. This push-pull practice is similar to \_\_\_ manufacturing.



just-in-case



out-of-time



just-in-time



one-at-a-time

**ANSWER:** (c) just-in-time

8.Question 8

In Kanban, the developer tasks are initially derived from \_\_\_.



managers determining the tasks



requirements on the product backlog



the previous column on the board



clients determining the tasks

**ANSWER:** (b) requirements on the product backlog