-In agile processes, planning is incremental, and it is difficult to change the process to reflect changing customer requirements.

True.

False.

-Plan-driven processes are processes where all the process activities are planned in early and progress is measured against this plan.

True.

False.

-Pair programming means that:

Each programmer develops his/her code.

They are the number of people adopting the customer role station.

Programmers sit together at the same work to develop the software.

Nothing from the above.

-The role of the Scrum master is:

To create scenarios.

To deliver the software to the market.

To protect the development team from external distractions.

To support refactoring.

-If a team can complete 10 story points in an iteration, then how long will it take for the team to complete 100 story points?

20 iterations.

10 iterations.

100 iterations.

1 iteration.

-Agile Software Development is based on:

Incremental Development.

Iterative Development.

Linear Development.

Both Incremental and Iterative Development.

-How is plan-driven development different from agile development?

Outputs are decided through a process of negotiation during the software development process.

specification, design, implementation and testing are interleaved.

Iteration occurs within activities.

All of the mentioned.

-How many phases are there in Scrum?

Two.

Three.

Four.

Scrum is an agile method which means it does not have phases.

-Which of the following does apply to agile principles?

Customer involvement.

Incremental delivery.

Maintain simplicity.

All of the mentioned.

-User involvement in test development and validation is one of Extreme Programming (XP) features?

True.

False.

-In an agile software process, the highest priority is to satisfy the customer through early and continuous delivery of valuable software.

True.

False.

-Agility is defined as the ability of a project team to respond rapidly to a change.

True.

False.

-What are the four framework activities found in the Extreme Programming (XP)?

analysis, design, coding, testing

planning, analysis, design, coding

planning, analysis, coding, testing

planning, design, coding, testing

-Agile processes have Separate and distinct phases of specification and development.

True.

False.

-One of the following phases is not on the waterfall model:

Requirements analysis and definition.

System and software design.

Implementation and unit testing.

Customer feedback.

-Many different software Processes all involve, except:

Evolution.

Validation.

Documentation.

Specification.

-The waterfall model is mostly used for .... systems engineering projects where a system is developed at several sites.

Small.

Large.

Medium.

None of above.

-One example of incremental development problems is....

Process is visible.

Structure.

Process is not visible.

None of above.

-In an Agile environment, what is the main responsibility of a tester?

Create test scenarios and test cases.

Finding bugs.

Create automation scripts.

There Is no role as a Tester In Scrum.

-Which of the following does not apply to agility to a software process?

Uses an incremental product delivery strategy.

Only essential work products are produced.

Eliminate the use of project planning and testing.

All of the mentioned.

-What do we mean by user stories?

User story is a functional requirement.

It is a tool used in Agile software development to capture users' requirements.

It is an example of extreme programming.

User story is the third phase of the rational unified process.

-A prototype Is .... version of a system used to demonstrate concepts and try out design options.

An Initial.

Last.

End.

None of above.

-The main drawback of the Incremental development is the difficulty of accommodating change after the process is underway.

True.

False.

-One benefit of Incremental development is that the cost of accommodating changing customer requirements is …..

Reduced.

Increase.

Fare.

None of above.

.... Boehm's spiral model is represented as a spiral rather than as a sequence of activities with:

Front tracking.

Backtracking.

Spiral.

Straightforward.

-Spiral model has been very influential in helping people think about ....in software processes and introducing the risk-driven approach to development.

Iteration.

Developing.

Design.

Testing.

-Agile methods seem to work best when team members have a relatively high skill level.

True.

False.