

Name _____

Software Process

Quiz 1

True/False

- ☐_T___ 2 main categories of software development processes are plan-driven and agile.
- ☐_T___ The waterfall process development activities are: Requirements, Design, Implementation, Testing, Deployment/Maintenance.
- ☐_F___ Waterfall model responds to requirement changes appropriately.
- ☐_F___ Agile methods are preferred over plan-driven methods.
- ☐_T___ A user story is a requirement expressed as scenario.
- ☐_T___ Agile methods seem to work best when team members have a relatively high skill level.

Single Choice

Which of the following is NOT an advantage of using incremental development and delivery?

- [A] More extensive testing of critical customer functionality
- [B] Early delivery of critical functionality to customer
- [C] Lower risk of overall project failure
- [D] Early increments serve as prototypes to explore requirements
- ☒[E] Systems are often have good structures

The practices regular system release, test-first development and continuous integration in Extreme Programming fit into which principle of agile methods?

- [A] Maintain simplicity
- [C] People not process
- ☒[B] Embrace change
- [D] Incremental delivery

The practices pair programming, collective ownership of the system code, and sustainable pace in Extreme Programming fit into which principle of agile methods?

- ☒[A] People not process
- [C] Maintain simplicity
- [B] Incremental delivery
- [D] Embrace change

Who chooses the stories for inclusion in the next release based on their priorities and the schedule estimates?

- ☒[A] Customer
- [C] Tester
- [B] Developer
- [D] Project Manager

In the extreme programming, what is the role of customer?

- [A] To help define working process that would be followed by the development team
- [B] To help define the team members
- [C] To help code refactoring
- ☒[D] To help develop stories that defines the requirements

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

- [A] Uses incremental product delivery strategy

[B] Only essential work products are produced

☒ [C] Eliminate the use of project planning and testing

[D] All of the mentioned

Briefly Explain

List the three basic software development process models.

Waterfall, incremental development, configuration and integration.