1. According the Clifton, the users are actively involved in the development of the software?

**Answer: True**

1. In DSDM time is variable while functionality is fixed.

**Answer: false**

1. According to the ambler reading who is responsible for specifying the priority of user story?

**Answer: Project stakeholders /product owners**

1. Match the feature prioritization with the software development method

Answer:

**Most valuable business feature: XP**

**Biggest risk: RUP**

1. According to the Clifton reading, every DSDM project begins with?

**Answer: Pre-project - Feasibility Study and Business Study**

1. The waterfall model is obsolete and should not be used on any modern software development project.

**Answer: False (NS)**

1. Spotify operation teams are responsible for delivering all the features to production.

**Answer: True**

1. rational unified process RUP replaces documents with.

**Answer: Models**

1. according to fowler new functionality should be added while refactoring.

**Answer: False**

1. Match the description to a plan driven or agile culture

Answer:

**Managers assign people to teams : PD**

**Manager assign tasks to developers: PD**

**Frequent deliveries to customers: Agile**

**Individuals measured on team achievements: Agile**

1. Automated regression tests are critical for refactoring

**Answer: True**

1. Choose all the observation from the Williams paper on pair programing

Answer:

**Pair programming cut down in cheating**

**Enhances student learning**

1. According to the scrum, feature and priorities are frozen for the duration of sprint

**Answer: True**

1. Customers estimate the efforts required to implement a user story in extreme programming

**Answer: False**

1. There is no product owner or customer role in lean development.

**Answer: True**

1. extreme programming requires more discipline than crystal clear

**Answer: True**

1. Rather than use cases or user stories, FDD expresses requirement in terms of

**Answer: Features**

1. A developer on team using FDD typically will be a member of only one feature development team during the development of a new release.

**Answer: True (NS)**

1. Match the testing stage to the appropriate description

UT - Developer test new feature

IT – Combine and test code from multiple developers

RT – Verify that changes don’t break

ST – Test the complete sol for functionality.

1. Microsoft was an early adopter of the lean techniques for software

**Answer: True**

1. The control changes best practice in RUP says that changes should not be permitted after the project begins.

**Answer: False**

1. Developers assign priorities to user stories in scrum.

**Answer: False**

1. the \_\_\_\_\_ is a simple explanation of an extreme programing project that replaces the architecture as a 10,000 foot view of the system.

**Answer: Metaphor**

1. All of the agile methods we studied agree that all code should be owned and changed equally by all developers.

**Answer: False (NS)**

1. Pair programing and side by side programming are the same technique, but different names.

**Answer: False**

1. Select all of the items below that are consistent the lean methodology for software.

Answer: **Short cycles, encourage learning, frequent builds.**

1. User stories that are too large to implement in one sprint be broken up into smaller stories that can be implemented in one sprint.

**Answer: True**

1. Planning poker strives for estimates with very high precision.

**Answer: False**

1. Coding accounts for what percentage of the total effort on software project.

**Answer: 15-25% (NS)**

1. The Scott Ambler reading states that user stories should be written by whom.

**Answer: Stakeholders**

1. The Ambler reading explains that a user story is a promise/reminder for the developers to have “what” with the stakeholders?

**Answer: conversation**

1. Select all the bad smells identified by Fowler.

**Answer:**

**Too many parameters in methods**

**Duplicated code**

**Very large classes**

**High cyclomatic complexity**

34.Agile proponents believe that working software is more important than comprehensive documentation.

**Answer: True**

35. Use Cases were developed for use with Object Oriented methods

**Answer: true**

36. Spotify operations teams are responsible for delivering all features to production.

**Answer: True**

37. What are all good alternatives if encounter disagreement while poker planning a user story?

**Answer:**

**Split the diff between the high and low estimate.**

**Use the low estimate.**

38. Which method relies heavily on suite of proprietary tools and Tool Mentors?

**Answer:**