



Sample Quiz 1 Attempt 4 BEST YET

Software Process (Concordia University)



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Marks 17.39/18.00

Grade 9.66 out of 10.00 (97%)

Question **1**

Complete

Mark 0.83 out of 1.00

Which of the following are well-known types of tests in the general software development process?

Select one or more:

- ☒ a. Acceptance Testing
- ☒ b. Integration Testing
- ☒ c. Regression Testing
- ☒ d. System-Level Testing
- ☐ e. Close-Scale Testing
- ☐ f. Biometric Testing
- ☒ g. Unit Testing
- ☐ h. Smoke Testing
- ☐ i. Multiple Choice/Multiple Answer Testing

Question **2**

Complete

Mark 1.00 out of 1.00

When forming and managing teams, which of the following points are true, and important to understand?

Select one or more:

- ☒ a. Extroverts find too much working alone exhausting.
- ☐ b. Grouping people with shared skills and interests increases communication between groups.
- ☒ c. Grouping people with shared skills and interests increases communication within that group.
- ☐ d. Introverts and extroverts are best paired together.
- ☒ e. Not everyone thinks alike.
- ☐ f. Extroverts find too much interpersonal interaction exhausting.
- ☒ g. Introverts find too much interpersonal interaction exhausting.
- ☐ h. With proper management, team members can be taught to think alike.
- ☐ i. Introverts find too much working alone exhausting.

Question **3**

Complete

Mark 1.00 out of 1.00

What are the general Agile Phases?

Select one or more:

- ☒ a. Elaboration
- ☐ b. Requirements
- ☒ c. Construction
- ☐ d. Design
- ☐ e. Environment
- ☒ f. Inception
- ☐ g. Deployment
- ☒ h. Transition

Question **4**

Complete

Mark 1.00 out of 1.00

Under standard iterative processes for software development, which of these statements are true?

Select one or more:

- ☒ a. A **project manager** is common in some larger-scale processes.
- ☒ b. A **tester** is a specific role in both Extreme Programming and Unified Process.
- ☐ c. In Scrum, a **coach** always works closely with the development team.
- ☒ d. In Extreme Programming, a **tracker** follows up on metrics, communicates progress and encourages better estimates.
- ☐ e. In Scrum, a **tester** is a core role.
- ☒ f. A **programmer**, **developer** or **implementer** role exists in all standard processes.
- ☐ g. Iteration is a development model that began in Unified Process and became popularized by subsequent Agile approaches.
- ☐ h. In the Unified Process, a **coach** always works closely with the development team.

Question **5**

Complete

Mark 1.00 out of 1.00

In the Unified Process, which of the following are true?

Select one or more:

- ☐ a. Each phase corresponds to two iterations.
- ☒ b. Different disciplines may happen at the same time and interact within an iteration.
- ☒ c. The Business Modelling discipline is less important after the Inception phase.
- ☒ d. Elaboration follows Inception.
- ☐ e. Individual iterations may span phase-boundaries.
- ☐ f. Testing begins in the Elaboration phase.

Question **6**

Complete

Mark 1.00 out of 1.00

Which of the following statements are true about the Waterfall Method?

Select one or more:

- ☐ a. The Waterfall Method was never meant to incorporate feedback.
- ☒ b. The Waterfall Method was originally intended to include prototypes between phases.
- ☐ c. The Design phase happens after the Verification Phase.
- ☐ d. The Verification phase happens immediately following the Design Phase.
- ☒ e. The Requirements Phase happens before the Verification Phase.
- ☒ f. The Implementation Phase happens before the Verification Phase.

Question **7**

Complete

Mark 1.00 out of 1.00

What can we correctly say about the concept of the Agile Triangle, used to describe modern Agile software development practices?

Select one or more:

- ☐ a. Requirements are fixed.
- ☒ b. Scheduling Target is fixed.
- ☐ c. Scheduling Target is variable.
- ☐ d. It is Plan-Driven.
- ☒ e. Requirements are variable.
- ☐ f. Cost Target is variable.
- ☒ g. Quality is variable.
- ☐ h. Quality is fixed.
- ☒ i. Cost Target is fixed.
- ☒ j. It is Value-Driven.

Question **8**

Complete

Mark 1.00 out of 1.00

What qualities are true about good tests?

Select one or more:

- ☐ a. They are always exhaustive.
- ☒ b. They catch the most bugs with the least effort.
- ☒ c. They should be automated.
- ☐ d. They generally rely on randomness.
- ☒ e. They consider multiple classes of test.

Question **9**

Complete

Mark 1.00 out of 1.00

Which of the following statements are true about Testing?

Select one or more:

- ☐ a. Only code can be tested.
- ☐ b. A test can be a unit for unit-testing.
- ☒ c. Can make use of stubs and drivers.
- ☐ d. Unit-tests are best for finding side-effects.
- ☒ e. A class can be a unit for unit-testing.
- ☒ f. A function can be a unit for unit-testing.
- ☒ g. Testing before coding is a good idea.
- ☐ h. Smoke-testing is a type of regression testing for demonstrations.

Question **10**

Complete

Mark 0.80 out of 1.00

Which of the following are known classes of testing in the general software development process?

Select one or more:

- ☒ a. Critical Path Tests
- ☐ b. Black-box Tests
- ☐ c. Clear box Tests
- ☒ d. Boundary Tests
- ☐ e. Modernization Tests
- ☒ f. Random Tests
- ☒ g. Exhaustive Tests
- ☐ h. Happy Path Tests

Question **11**

Complete

Mark 1.00 out of 1.00

Which of the following can we say about the concept of the Iron Triangle, often used to describe old fashioned software development practices?

Select one or more:

- ☐ a. Quality is fixed.
- ☐ b. It is Value-Driven.
- ☐ c. Cost Target is variable.
- ☒ d. Cost Target is fixed.
- ☒ e. It is Plan-Driven.
- ☒ f. Quality is variable.
- ☒ g. Requirements are fixed.
- ☐ h. Scheduling Target is variable.
- ☒ i. Scheduling Target is fixed.
- ☐ j. Requirements are variable.

Question **12**

Complete

Mark 0.86 out of 1.00

Which of the following specific Process/Role pairs are generally known?

Select one or more:

- ☐ a. Coach: Scrum
- ☒ b. Programmer: Extreme Programming
- ☒ c. Process Engineer: Unified Process
- ☒ d. Scrum Team Member: Scrum
- ☒ e. Scrum Master: Scrum
- ☒ f. Tester: Extreme Programming
- ☐ g. Elite Programmer: Extreme Programming
- ☒ h. Implementer: Unified Process
- ☐ i. Local Architect: Scrum
- ☐ j. XP Master: Extreme Programming

Question **13**

Complete

Mark 1.00 out of 1.00

The Unified Process Outlines which of the following phases?

Select one or more:

- ☒ a. Inception
- ☐ b. Requirements
- ☐ c. Environment
- ☒ d. Elaboration
- ☒ e. Transition
- ☐ f. Deployment
- ☐ g. Design
- ☒ h. Construction

Question **14**

Complete

Mark 1.00 out of 1.00

What statements are true about Regression Testing?

Select one or more:

- ☒ a. They should always fail on their first run.
- ☐ b. They are a core aspect of Test-Driven Development.
- ☐ c. They prevents bugs from occurring in the first place.
- ☒ d. They should prevent bugs from coming back into a system.
- ☒ e. They often catch the types of errors that developers make most frequently.

Question **15**

Complete

Mark 0.90 out of 1.00

When assigning or taking on roles in a software development process, which of the following are true?

Select one or more:

- ☒ a. Certain ways of thinking favour certain roles.
- ☒ b. Understanding how others think differently than you do is an asset.
- ☐ c. The team leader should be an extrovert.
- ☐ d. The team leader should avoid involvement in testing.
- ☒ e. Disagreement can enrich the development process.
- ☐ f. There will always be someone who is the leader within your team.
- ☐ g. Disagreement can delay or hold back the development process.
- ☐ h. Accepting cultural bias makes for a safer work environment within a team.

Question **16**

Complete

Mark 1.00 out of 1.00

What statements are true about Integration Testing?

Select one or more:

- ☒ a. Can test the quality of communication and documentation.
- ☒ b. Can be performed Bottom-Up on clusters of units.
- ☒ c. Can be performed depth-first to test units within a single vertical slice, often verifying major decision points.
- ☐ d. Can be performed Bottom-Up and breadth-first to test cohesion between units at the same level of abstraction.
- ☐ e. Is best performed on as many units as possible, given that they have passed their own unit tests.
- ☐ f. Bottom-Up testing skips the need for drivers.

Question **17**

Complete

Mark 1.00 out of 1.00

Which of the following statements are true about the Spiral Method?

Select one or more:

- ☐ a. Testing is implicit in the development phase.
- ☐ b. Risk is mostly considered during the first few iterations.
- ☐ c. Prototypes are expected after the Implementation phase.
- ☒ d. Feedback contributes to subsequent iterations.
- ☒ e. In the last phase, the next iteration is planned.
- ☒ f. Early iterations deal with requirements more than later phases.

Question **18**

Complete

Mark 1.00 out of 1.00

What is true about who tests software artefacts?

Select one or more:

- ☒ a. Testing a team-member's code can be valuable.
- ☒ b. Inside testers know their software.
- ☒ c. Outside testers are often more objective.
- ☒ d. Inside testers can be biased.

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