Team 1 – Quiz (week number: 2)

Lecture Topic (indicate based on which lecture the Quiz was designed)

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Q.1 Which of this are the principles of Agile Methods?

1. Our lower priority is to satisfy the customer through early and continuous delivery of valuable software.
2. Welcome changing requirements, even late in development. Agile processes harness change for the customer’s competitive advantage.
3. Deliver working software frequently, from a couple of weeks to a couple of months, with a preference to the shorter timescale.
4. Businesspeople and developers must work together daily throughout the project.

Options

* Option (A)
* Option (B and C)
* Option (B, C, and D)
* All the above

Q.2 Which of these are XP (Extreme Programing) four values?

1. Communication
2. Simplicity
3. Feedback
4. Courage
5. Management

Options

* Option (A)
* Option (B and C)
* Option (B, C, and D)
* Option (A, B, C, and D)
* All the above

Q.3 Which of the following is the first step in SDLC framework?

Options

A. Feasibility Study

B. Requirement Gathering

C. Communication

D. System Analysis

Q.4 Waterfall model is not suitable for:

Options

A. Small projects

B. Complex projects

C. Accommodating changes

D. Maintenance Projects

Q.5 In Agile, who decides what the team will work on?

Options

1. the Scrum Master
2. a self-organizing team
3. the Product Owner
4. the Product Manager

Q.6 RACI is an acronym for:

Options

A. Result, Accounts, Communication, Interest

B. Ready, Astute, Clever, Invested

C. Responsible, Accountable, Consulted, Informed

D. Responsible, Affordable, Clever, Informed

Q.7 How many CMMI's Maturity Levels are defined in a process meta-model?

Options

1. One
2. Three
3. Five
4. Seven

Q.8 Software Testing focuses on evaluating a software product. What does the Quality Assurance discipline focus on?

Options

1. evaluating the methods by which software products are produced.
2. evaluating the processes by which software products are produced.
3. evaluating the techniques by which software products are produced.
4. evaluating the activities by which software products are produced.

Q.9 Which discipline refers to reusability in software development?

Options

1. Architecture and design.
2. Release and Maintenance.
3. Software Product Lines.
4. Software Planning.

Q.10 Which types of software testing is done by end-users?

Options

1. Unit Testing
2. Component Integration Testing
3. System Testing
4. User Acceptance Testing

Q.11 Elaboration is the phase in RUP and its primary goal is to establish the ability to build the new system given the budget, schedule, and resources. Which milestone is associated with this phase?

Options

1. Life-Cycle Objective (MS1).
2. Life-Cycle Architecture (MS2)
3. Operational Capability (MS3).
4. Product Release (MS4).

Q.12 Who is responsible for defining stories and prioritizing the team backlog in Agile Methodology.

Options

1. Project Manager
2. Developer
3. Tester
4. Product Owner

*Q.13 Project Portfolio Management addresses --------- and ------------ goals of an organization*

Options

1. Coding, Human Resources
2. Strategic and Marketing
3. Strategic and Tactical
4. None of the Above

*Q.14 What are the Essential Attributes of Good Software?*

Options

1. Acceptability, Efficiency, Maintainability
2. Dependability and Security
3. Complex Design
4. A, C
5. A, B

Q.15 *Which of the following models is best suited when the requirements of the software are not decided and the user is not sure about how he wants the user interface to look like?*

Options

1. Classical waterfall model
2. Prototyping model
3. Evolutionary model
4. None of the above

Q.16 *In which of the following design phases, do the software designers free to make any alterations, corrections, and modifications?*

Options

1. Preliminary design phase
2. Detailed design phase
3. Both a and b
4. None of the above

Q.17 *Which of the following manuals is not a type of documentation manual that is documented during the development phase of the software?*

Options

1. Design manual
2. Testing Manual
3. Implementation Manual
4. Discussion Manual

Q.18 A waterfall model is a model of \_\_.

Options

1. System Development Life Cycle
2. System Enhancement
3. System Prototype
4. All the mentioned above

Q.19 The Capability Maturity Model (CMM) is a continuous model.

Option

1. True
2. False

Q.20 When does it not make sense to be Agile?

Option

1. Never
2. When you need flexibility
3. When the project is not iterative
4. When you have responsive stakeholders

Q.21 In which stage of process improvement bottlenecks and weaknesses are identified?

Option

1. Process measurement
2. Process analysis
3. Process change
4. None of the mentioned