

SDM Test

Total points 20/40 ?

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✗ 1.What does SDLC stands for?

.../1



a) System Design Life Cycle



b) Software Design Life Cycle



c) Software Development Life Cycle



d) System Development Life cycle

No correct answers



✓ 2. Who proposed the spiral model?

1/1

- ☒ a) Barry Boehm
- ☐ b) Pressman
- ☐ c) Royce
- ☐ d) IBM



✓ 3. _____ suits the Manifesto for Agile Software Development. 1/1

- ☐ a) Customer collaboration
- ☐ b) Individuals and interactions
- ☐ c) Working software
- ☒ d) All of the mentioned



✓ 4. Which command is used to push the code into git staging area? *

1/1

- ☐ git pull
- ☒ git add
- ☐ git push
- ☐ git commit



✓ 5.What is Kubernetes?

1/1

- ☐ Portable platform
- ☐ Extensible platform
- ☐ Open-source platform
- ☒ All of the Above



✓ 6.Which of the following command creates an empty git repository or reinitialize an existing one?

*1/1

- ☐ git create
- ☒ git init
- ☐ git initialize
- ☐ git launch



✓ 7.Which of the following architectural layer is used as front end in cloud computing ?

*1/1

- ☐ Cloud
- ☐ Middle layer
- ☒ Client
- ☐ Soft



✓ 8. provide complete isolation from the host operating system and the other virtual machines .So it is fully secure *1/1

- ☐ Security
- ☐ cloud
- ☒ Virtualization
- ☐ Containerization



✗ 9.How many phases are there in Scrum ?

0/1

- ☐ a) Two
- ☐ b) Three
- ☒ c) Four
- ☐ d) Scrum is an agile method which means it does not have phases



Correct answer

- ☒ b) Three



✗ 10. Which of the following Agile methodology advocates the use of problem domain? 0/1

- ☐ Evo
- ☒ Scrum
- ☐ Extreme programming
- ☐ Feature Driven Development (FDD)

✗

Correct answer

- ☒ Feature Driven Development (FDD)

✗ 11. In YAML, Explicit Tags are denoted using the symbol?

0/1

- ☐ exclamation point (!)
- ☒ pipe character (|)
- ☐ greater-than symbol (>)
- ☐ question mark(?)

✗

Correct answer

- ☒ exclamation point (!)



✗ 12. In which step of SDLC actual programming of software code is done? 0/1

- ☐ a) Development and Documentation
- ☐ b) Maintenance and Evaluation
- ☒ c) Design
- ☐ d) Analysis

✗

Correct answer

- ☒ a) Development and Documentation

✓ 13. RAD stands for 1/1

- ☐ a) Relative Application Development
- ☒ b) Rapid Application Development
- ☐ c) Rapid Application Document
- ☐ d) None of the mentioned

✓

✓ 14. which one of the following is delivered at the end of the sprint * 1/1

- ☐ document containing test cases for the current sprint
- ☐ An architectural design for the solution
- ☒ An increment of done software
- ☐ Wireframe designs for User Interface

✓



✗ 15. Which of the following activities is not fundamental to software engineering *0/1

- ☒ Software Standardization
- ☐ Software Specifaction
- ☐ Software Validation
- ☐ Software Evolution

✗

Correct answer

- ☒ Software Validation

✗ 16.Which one of the following technique is applied for usability testing * 0/1

- ☐ White box
- ☐ Black box ans
- ☒ Grey box
- ☐ All of the above

✗

Correct answer

- ☒ Black box ans

✓ 17.White Box techniques are also classified as * 1/1

- ☐ Design based testing
- ☒ Structural testing
- ☐ Error guessing technique
- ☐ None of the mentioned

✓



✓ 18. Which of the following is/are White box technique? *

1/1

- ☐ Statement Testing
- ☐ Decision Testing
- ☐ Condition Coverage
- ☒ All of the mentioned



✗ 19. Boundary value analysis belong to? *

0/1

- ☒ White Box Testing
- ☐ Black Box Testing
- ☐ White Box & Black Box Testing
- ☐ None of the mentioned



Correct answer

- ☒ Black Box Testing

✗ 20. Which of the following is a structured data store that supports indexing and data queries to both EC2 and S3? 0/1

- ☐ CloudWatch
- ☐ Amazon SimpleDB
- ☐ Amazon Cloudfront
- ☒ All of the mentioned



Correct answer

- ☒ Amazon SimpleDB



✓ 21.What is the full form of Selenium IDE?

1/1

- ☐ Selenium Interrelated Development Environment
- ☐ Selenium Intialization Development Environment
- ☐ Selenium Information Development Environment
- ☒ Selenium Integrated Development Environment



✓ 22.Selenium component support all operating system

1/1

- ☐ IDE
- ☒ WebDriver
- ☐ Generator
- ☐ None of the mentioned



✓ 23.TestNG stands for

1/1

- ☐ TestNextGenerations
- ☒ TestNextGeneration
- ☐ TestNewGeneration
- ☐ TestNewGenerlization



✗ 24.Selenium tests.....

.../1

- ☐ GUI applications
- ☒ Browser-based applications
- ☐ DOS applications
- ☐ None of the above

✗

No correct answers

✓ 25.The Web driver is used

1/1

- ☐ to quickly create tests
- ☐ to design a test using Selenese
- ☒ to execute tests on the HtmlUnit browser
- ☐ to test a web application against Firefox only.

✓

✗ 26.The model which has a major disadvantage in terms of the coding phase of a software life cycle model is _____

0/1

- ☒ a) Rad Model
- ☐ b) Spiral Model
- ☐ c) 4GT Model
- ☐ d) Waterfall Model

✗

Correct answer

- ☒ c) 4GT Model



✗ 27. Agile Software Development is based on

0/1

- ☒ a) Incremental Development
- ☐ b) Iterative Development
- ☐ c) Linear Development
- ☐ d) Both Incremental and Iterative Development

✗

Correct answer

- ☒ d) Both Incremental and Iterative Development

✓ 28. Which one of the following models is not suitable for accommodating any change? 1/1

- ☐ a) Build & Fix Model
- ☐ b) Prototyping Model
- ☐ c) RAD Model
- ☒ d) Waterfall Model

✓



✗ 29. Which is not one of the types of prototype of Prototyping Model?

0/1

- ☐ a) Horizontal Prototype
- ☐ b) Vertical Prototype
- ☐ c) Diagonal Prototype
- ☒ d) Domain Prototype

✗

Correct answer

- ☒ c) Diagonal Prototype

✗ 30. Which model can be selected if user is involved in all the phases of SDLC?

0/1

- ☐ a) Waterfall Model
- ☐ b) Prototyping Model
- ☐ c) RAD Model
- ☒ d) both Prototyping Model & RAD Model

✗

Correct answer

- ☒ c) RAD Model



✗ 31. Which of the following is applicable on software radio?

0/1

- ☒ a) Environmental Control
- ☐ b) Process Pipeline
- ☐ c) Distributed system
- ☐ d) None of the mentioned

✗

Correct answer

- ☒ b) Process Pipeline

✓ 32. The user system requirements are the parts of which document ?

1/1

- ☐ a) SDD
- ☒ b) SRS
- ☐ c) DDD
- ☐ d) SRD

✓

✗ 33. Which of the following views cannot be captured using UML diagram

0/1

- ☐ Layer view
- ☐ User view
- ☐ Structural view
- ☒ All of the above

✗

Correct answer

- ☒ Layer view



✖ 34. The process of transforming a model into source code is known as 0/1

- ☐ a) Forward engineering
- ☒ b) Reverse engineering
- ☐ c) Re-engineering
- ☐ d) Reconstructing

✖

Correct answer

- ☒ a) Forward engineering

✓ 35. Which level of Entity Relationship Diagram (ERD) models all entities and 1/1 relationships ?

- ☐ a) Level 1
- ☒ b) Level 2
- ☐ c) Level 3
- ☐ d) Level 4

✓



✗ 36. Which of the following is not a part of the Test Implementation and Execution Phase? 0/1

- ☐ a. Creating test suites from the test cases
- ☒ b. Executing test cases either manually or by using test execution tools ✗
- ☐ c. Comparing actual results
- ☐ d. Designing the Tests

Correct answer

- ☒ d. Designing the Tests

✗ 37. Alpha and Beta Testing are forms of _____. 0/1

- ☐ a. Acceptance testing
- ☐ b. Integration testing
- ☐ c. System Testing
- ☒ d. Unit testing ✗

Correct answer

- ☒ a. Acceptance testing



✗ 38. The model in which the requirements are implemented by its category is 0/1
_____ .

- ☐ a. Evolutionary Development Model
- ☐ b. Waterfall Model
- ☐ c. Prototyping
- ☒ d. Iterative Enhancement Model

✗

Correct answer

- ☒ a. Evolutionary Development Model

✓ 39. The tools that support different stages of software development life cycle are called _____. 1/1

- ☒ a. CASE Tools
- ☐ b. CAME tools
- ☐ c. CAQE tools
- ☐ d. CARE tools

✓

✓ 40. Which is the most important feature of spiral model? * 1/1

- ☐ a. Quality management
- ☒ b. Risk management
- ☐ c. Performance management
- ☐ d. Efficiency management

✓

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