SDM Test

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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.   0/1

- ◉ a) Customer collaboration   ✗
- ○ b) Individuals and interactions
- ○ c) Working software
- ○ d) All of the mentioned

Correct answer

- ◉ d) All of the mentioned

✗ 4.Which command is used to push the code into git staging area? *   0/1

- ○ git pull
- ○ git add
- ◉ git push   ✗
- ○ git commit

Correct answer

- ◉ git add

5. What is Kubernetes?

✓ **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 reintialize 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 *0/1
and the other virtual machines .So it is fully secure

○ Security

◉ cloud   ✕

○ Virtualization

○ Containerization

Correct answer

◉ Virtualization

✕ 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 0/1
   domain?

○ Evo

◉ Scrum   ✕

○ Extreme programming

○ Feature Driven Development (FDD)

Correct answer

◉ Feature Driven Development (FDD)

✓ 11.In YAML, Explicit Tags are denoted using the symbol?   1/1

◉ exclamation point (!)   ✓

○ pipe character (|)

○ greater-than symbol (>)

○ question mark(?)

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

◉ a) Development and Documentation   ✓

○ b) Maintenance and Evaluation

○ c) Design

○ d) Analysis

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

✓ *1/1

- ○ Software Standardization
- ○ Software Specifaction
- ● Software Validation ✓
- ○ Software Evolution

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

○ White box

◉ Black box ans   ✓

○ Grey box

○ All of the above

✗ 17.White Box techniques are also classified as *   0/1

○ Design based testing

○ Structural testing

◉ Error guessing technique   ✗

○ None of the mentioned

Correct answer

◉ Structural testing

✗ 18.Which of the following is/are White box technique? *   0/1

○ Statement Testing

◉ Decision Testing   ✗

○ Condition Coverage

○ All of the mentioned

Correct answer

◉ 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 0/1
and data queries to both EC2 and S3?

● 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   0/1

○ IDE

○ WebDriver

◉ Generator   ✗

○ None of the mentioned

Correct answer

◉ WebDriver

✓ 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   1/1

○ a) Incremental Development

○ b) Iterative Development

○ c) Linear Development

◉ 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? 1/1

○ a) Horizontal Prototype

○ b) Vertical Prototype

◉ c) Diagonal Prototype ✓

○ d) Domain 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? ✓ 1/1

- ○ a) Environmental Control
- ● b) Process Pipeline ✓
- ○ c) Distributed system
- ○ d) None of the mentioned

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 0/1
    relationships ?

○ a) Level 1

○ b) Level 2

◉ c) Level 3   ✕

○ d) Level 4

Correct answer

◉ b) Level 2

✗ 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 1/1
____ .

◉ a. Evolutionary Development Model ✓

○ b. Waterfall Model

○ c. Prototyping

○ d. Iterative Enhancement 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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