

Question # 1

Which of the following command create an empty git repository or reinitialize an existing one?

Revisit

Choose the best option

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

Question # 2

Which of the following Agile methodology advocates the use of problem domain?

Revisit

Choose the best option

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

Question # 3

Which of the following is NOT a property of the Waterfall Model?

Revisit

Choose the best option

- ☐ Software development cascades from one phase to another
- ☐ It is a plan-driven process
- ☒ Software development is incremental in nature
- ☐ Iterations can be costly and involve significant rework

Question # 4

In Jenkins, a \_\_\_\_\_ is used to display record of multiple builds.

Revisit

Choose the best option

- ☐ Weather Icon
- ☐ Coloured Ball
- ☐ Coloured Square
- ☒ Coloured Ball and Weather Icon

Question # 5

The ability to scale in microservices architecture comes from the fact that \_\_\_\_\_.

Revisit

Choose the best option

- ☐ CI/CD pipelines allow for scaling
- ☐ there are more CPU and Memory footprints in cloud providers
- ☐ RESTful calls are always used.
- ☐ artifacts are single purpose and separated

### Question # 6

Match the following Types of Focus Groups with their appropriate description:

1	Two-way focus group	A	Two moderators are present but they take completely opposite stands
2	Dual moderator focus group Model 1	B	Respondents are asked to act as the moderator temporarily
3	Dual moderator focus group Model 2	C	Two focus groups are used
4	Respondent moderator focus group	D	One moderator into the discipline and the other moderator looks into the content flow

Revisit

Choose the best option

- ☐ 1-C, 2-D, 3-A, 4-B
- ☐ 1-C, 2-A, 3-D, 4-B
- ☐ 1-B, 2-D, 3-A, 4-C
- ☐ 1-B, 2-A, 3-D, 4-C

### Question # 7

What comprises an Infrastructure as a Service (IaaS) model?

Choose the best option

- ☐ third-party improvements with software and hardware, which are difficult to offer when hosted internally.
- ☐ increased speed and virtualization for an organization.
- ☒ third-party provider that hosts, services, and maintains all aspects of the system on behalf of the end user.
- ☐ increased help on logic and coding issues for an organization's proprietary system.

### Question # 8

What is the practice of every change going through full automated testing and being deployed automatically to the production environment?

Revisit

Choose the best option

- ☐ Continuous Integration
- ☒ Continuous Delivery
- ☐ Continuous Denigration
- ☐ Continuous Deployment

### Question # 9

Which of the following type of virtualization is also characteristic of cloud computing?

Revisit

Choose the best option

- ☐ Storage
- ☐ Application
- ☐ CPU
- ☒ All of the above

**Question # 10**

For project management, Jira is used for \_\_\_\_\_.

Choose the best option

- ☐ segmenting, executing, accounting, and reporting
- ☒ planning, tracking, reporting, and releasing
- ☐ brainstorming, exploring, planning, and executing
- ☐ motivating, grouping, analyzing, and plotting

**Question # 11**

What is the ideal sprint length in an Agile Development Model?

[Revisit](#)

Choose the best option

- ☒ 2 - 4 weeks
- ☐ 1 week
- ☐ 3 - 5 weeks
- ☐ 3 weeks

**Question # 12**

Which of the following Docker command is used to access the running container?

[Revisit](#)

Choose the best option

- ☐ docker run
- ☒ docker exec
- ☐ docker build
- ☐ docker pull

**Question # 13**

Which feature of OOPs helps in code reusability?

[Revisit](#)

Choose the best option

- ☐ Class
- ☐ Abstraction
- ☒ Inheritance
- ☐ Object

**Question # 14**

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

[Revisit](#)

Choose the best option

- ☐ Cloud
- ☒ Client
- ☐ Middle Layer
- ☐ Soft

6 7 8 9 10 11 12 13 14 15

**Question # 15**

Which of the following AWS services enables users to launch VM instances?

Revisit

Choose the best option

- ☒ AWS EC2
- ☐ AWS S3
- ☐ AWS Lambda
- ☐ AWS EBS

11 12 13 14 15 16 17 18 19 20

**Question # 16**

Which of the following views cannot be captured using UML diagram?

Revisit

Choose the best option

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

**Question # 17**

Which is true about Kubernetes?

Choose the best option

- ☐ Integrated Kubernetes solutions are available from most major cloud providers.
- ☐ Kubernetes is best suited to test environments and isn't mature enough for production use.
- ☐ Kubernetes is one of the newest orchestration platforms.
- ☐ It can only run Kubernetes containers.

11 12 13 14 15 16 17 18 19 20

**Question # 18**

What is the basic operational unit of Kubernetes?

Revisit

Choose the best option

- ☐ Task
- ☒ Pod
- ☐ Nodes
- ☐ Container

11 12 13 14 15 16 17 18 19 20

**Question # 19**

Which of the following languages is supported by Selenium WebDriver?

Revisit

Choose the best option

- ☐ Perl
- ☐ C
- ☒ ASP
- ☐ C++



Question # 20

\_\_\_\_\_ provides complete isolation from the host operating system and the other Virtual Machines (VMs), so it is fully secure.

Revisit

Choose the best option

- ☐ Virtualization
- ☐ Containerization
- ☐ Security
- ☒ Cloud

Question # 21

What is unique about Docker swarm?

Choose the best option

- ☐ Docker swarm uses a MCP or "Master Control Program" to orchestrate system access.
- ☐ Docker swarm is much more decentralized than the other container platforms.
- ☐ Docker swarm is more centralized than the other platforms.
- ☐ Docker swarm can run both VMs and containers.

Question # 22

DevOps is an extension of:

Revisit

Choose the best option

- ☐ QA
- ☒ Agile
- ☐ Waterfall
- ☐ None of the above

Question # 23

\_\_\_\_\_ is responsible for full software development life cycle while \_\_\_\_\_ is responsible for software testing life cycle.

Revisit

Choose the best option

- ☐ Quality Assurance, Quality Control
- ☒ Quality Control, Quality Assurance
- ☐ Quality Assertion, Quality Control
- ☐ Quality Control, Quality Assertion

Question # 24

Under which type of thinking strategy does Brainstorming fall?

Revisit

Choose the best option

- ☐ Decision Thinking
- ☐ Analytic Thinking
- ☐ Compassionate Thinking
- ☐ Creative Thinking

16 17 18 19 20 21 22 23 24 25 < 25

**Question # 25**

At the core of a good regression test, we are making certain that \_\_\_\_\_.

Revisit

**Choose the best option**

- ☐ no bugs exist
- ☒ all bugs are fixed
- ☐ nothing new has broken
- ☐ new bugs are identified

21 22 23 24 25 26 27 28 29 30 < 2

**Question # 26**

Which of the following activities is NOT fundamental to software engineering?

Revisit

**Choose the best option**

- ☐ Software Standardization
- ☐ Software Specification
- ☒ Software Validation
- ☐ Software Evolution

21 22 23 24 25 26 27 28 29 30 < 27 of 40 >

**Question # 27**

Some of the agile frameworks are \_\_\_\_\_.

Revisit

**Choose the best option**

- ☒ Scrum & Kanban
- ☐ Test Given Development
- ☐ Feature Given Development
- ☐ Dynamic System Development Method

21 22 23 24 25 26 27 28 29 30 <

**Question # 28**

Match the following Types of Testing with their appropriate description:

1 Black-Box Testing	A	Also known as Structural Testing
2 White-Box Testing	B	Also known as Translucent Testing
3 Grey-Box Testing	C	Also known as Functional Testing

Revisit

**Choose the best option**

- ☐ 1-C, 2-A, 3-B
- ☐ 1-B, 2-C, 3-A
- ☒ 1-A, 2-B, 3-C
- ☐ 1-B, 2-A, 3-C

21 22 23 24 25 26 27 28 29 30 <

**Question # 29**

In WebDriver \_\_\_\_\_ command can be used to enter values onto text boxes?

Revisit

**Choose the best option**

- ☐ selenium.type()
- ☐ type()
- ☒ sendKeys("text")
- ☐ driver.type("text")

21 22 23 24 25 26 27 28 29 30 < 30 of 40 > All

**Question # 30**

Which of the following statements is TRUE for an API Gateway?

Revisit

Choose the best option

- ☐ API Gateway is not the single entry point into a system
- ☐ API Gateway is not responsible for request routing
- ☐ API Gateway is a server
- ☒ API Gateway is not responsible for load balancing

30 31 32 33 34 35 < 31 of 40 > All

**Question # 31**

Which one of the following is delivered at the end of the Sprint?

Revisit

Choose the best option

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

29 30 31 32 33 34 35 <

**Question # 32**

Which one of the following technique is applied for usability testing?

Revisit

Choose the best option

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

29 30 31 32 33 34 35 <

**Question # 33**

Which of the following is not a version control system tool?

Revisit

Choose the best option

- ☐ git
- ☐ mercurial
- ☐ Jenkins
- ☐ AWS Code Commit

26 27 28 29 30 31 32 33 34 35 < 34

**Question # 34**

In YAML, Explicit Tags are denoted using the symbol?

Revisit

Choose the best option

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

35 36 37 38 39 40 < 35 of 40 > All 34

**Question # 35**

What is true of Protocol Aware Heterogeneous Interoperability for microservices?

Revisit

Choose the best option

- ☐ Systems call other systems to do work.
- ☐ All communications within the service boundaries are solved via ReST.
- ☐ All communications use any technology they want.
- ☐ There is polyglot development everywhere.

36 37 38 39 40 < 36

**Question # 36**

Which command is used to push the code into git staging area?

Revisit

Choose the best option

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

37 38 39 40 < 37 of 40 >

**Question # 37**

What is the need for DevOps?

Revisit

Choose the best option

- ☐ Decrease deployment frequency
- ☐ Lower success rate of new releases
- ☒ Longer Development Cycle
- ☐ Enhanced Version Control

**Question # 38**


Which of the following is not a goal of the WebDriver API?

Choose the best option

- ☐ Emulate actions of users.
- ☐ Provide record and playback of test steps.
- ☐ Maintain a standardized API.
- ☐ Help developers and testers quickly and easily write automated tests.



Question # 39

 Revisit

Principles 1, 8, 9 and 10 of the Agile Manifesto describe prioritizing high-value work. What's a common way that agile teams prioritize their work?

Choose the best option

- ☐ They create a ranked list of what the customer finds valuable.
- ☐ They create detailed project requirements.
- ☒ They meet with the customer to plan everything in the product before they start working.
- ☐ They prioritize the work that would be the easiest to develop.

Question # 40

 Revisit

Which of the following is the git command to download all the objects and references from a specific repository?

Choose the best option

- ☐ git log -n
- ☒ git fetch
- ☐ git help
- ☐ git config --list