

✗ Which of the following is an essential concept related to Cloud? *

0/1

- ☒ All of the mention
- ☐ Productivity
- ☐ Reliability
- ☐ Abstraction

✗

Correct answer

- ☒ Abstraction

✗ The entity relationship diagram *

0/1

- ☒ Indicates how data are transformed by the system
- ☐ Indicates system reactions to external events
- ☐ Depicts relationships between data objects
- ☐ Depicts functions that transform the data flow

✗

Correct answer

- ☒ Depicts relationships between data objects



✗ Which one is NOT generally a change after Virtualization? *

0/1

- ☐ software and hardware tightly coupled
- ☐ virtual machines can be provisioned to any system
- ☒ hardware- independence of operating system and applications ✗
- ☐ can manage os and application as a single unit by encapsulating them into virtual machines.

Correct answer

- ☒ software and hardware tightly coupled

✗ Which of the following is correct git command to set your username during git initial setup?

*0/1

- ☐ git config --global [user.name](#) "Rajneesh"
- ☒ git init config --global [user.name](#) "Rajneesh" ✗
- ☐ git config --global user "Rajneesh"
- ☐ git --global [user.name](#) "Rajneesh"

Correct answer

- ☒ git config --global [user.name](#) "Rajneesh"



✗ The degree of interaction between two modules is known as *

0/1

- ☐ Strength
- ☐ Inheritance
- ☒ Cohesion
- ☐ Coupling

✗

Correct answer

- ☒ Coupling

✗ Black box testing is also called *

0/1

- ☒ Structural testing
- ☐ Specification-based testing
- ☐ Verification
- ☐ Unit testing

✗

Correct answer

- ☒ Specification-based testing

✓ What is the basic operational unit of Kubernetes? *

1/1

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

✓



✓ Which of these terms best describes GitHub? *

1/1

- ☐ Distributed Version Control System
- ☒ Web-Based Repository Hosting Service
- ☐ Integrated Development Environment
- ☐ Issue Tracking System



✗ Functional approach is also known as *

0/1

- ☐ Black box testing
- ☐ Output box testing
- ☒ Glass box testing
- ☐ Input box testing



Correct answer

- ☒ Black box testing

✓ The ways of describing specifications at different levels of detail include * 1/1

- ☐ requirements definition
- ☐ None
- ☒ Both
- ☐ requirements specification



✗ _____ are instances of Docker images that can be run using the Docker run command. *0/1

- ☐ File
- ☐ Container
- ☐ Cloud
- ☒ Hub

✗

Correct answer

- ☒ Container

✗ Which among the following measures how strongly the elements within a module are related? *0/1

- ☐ Cohesion
- ☐ Inheritance
- ☒ Coupling
- ☐ Aggregation

✗

Correct answer

- ☒ Cohesion



✗ Which of the following provides the Graphic User Interface (GUI) for interaction with the cloud? *0/1

- ☐ Application
- ☐ Client
- ☒ Server
- ☐ Client Infrastructure

✗

Correct answer

- ☒ Client Infrastructure

✓ Which of the following cannot be called a software life cycle model? * 1/1

- ☐ Prototyping Model
- ☐ Rapid Application Development
- ☒ Capability Maturity Model
- ☐ Waterfall Model

✓

✗ Which of the following is not true about the Waterfall Model? * 0/1

- ☐ It is suited for small projects
- ☐ It gives efficient staff utilization
- ☐ It needs clarity of requirements at start
- ☒ It does not consider risk handling

✗

Correct answer

- ☒ It gives efficient staff utilization



✓ Which of the following model may require largest deployment of manpower *1/1

- ☒ RAD Model
- ☐ Incremental Model
- ☐ Component Assembly Model
- ☐ Waterfall Model



✓ A test case design technique that makes use of a knowledge of the internal program logic *1/1

- ☐ Unit Testing
- ☐ None of these
- ☒ White Box Testing
- ☐ Black Box Testing



✓ Class diagram represents * 1/1

- ☐ state machine
- ☐ set of actions
- ☒ conceptual design
- ☐ organization of objects



✓ _____ are those software mistakes that occurred during the coding phase? *1/1

- ☐ Defects
- ☐ Errors
- ☐ Failures
- ☒ Bugs



✗ Which of the following is not a part of DevOps lifecycle _____. * 0/1

- ☐ Build
- ☐ Code
- ☒ Plan
- ☐ Operating



Correct answer

- ☒ Operating

✓ What is the role of a service registry in a microservices architecture? * 1/1

- ☐ It allows services to discover each other
- ☒ All of the above
- ☐ It provides load balancing for services
- ☐ It keeps track of all running instances of a service



✓ _____ command is used for stopping a running container. *

1/1

- ☐ \$ docker start
- ☐ \$ docker rm
- ☐ \$ docker stop
- ☒ \$ docker kill



✓ Choose the correct IaaS provider among the following? *

1/1

- ☐ Hybrid
- ☐ EC10
- ☒ EC2
- ☐ EC1



✓ "V" model is? *

1/1

- ☒ Software development testing (SDLC) model
- ☐ Test type
- ☐ Test design technique
- ☐ Test Level



✗ Identify among the following, which provides a runtime environment. * 0/1

☐ None

☐ XaaS

☐ PaaS

☒ SaaS

✗

Correct answer

☒ PaaS

✗ Identify the correct set of DevOps values? * 0/1

☐ Culture, Collaboration, Communication, Sharing

☒ All of the mentioned

✗

☐ Culture, Automation, Lean, Measurement, Sharing

☐ Culture, Automation, Lean, Metrics, Sharing

Correct answer

☒ Culture, Automation, Lean, Measurement, Sharing

✓ The Linear Sequential or Classic Life Cycle is also called * 1/1

☒ Waterfall Model

✓

☐ Spiral model

☐ Incremental Model

☐ Prototyping Model



✓ A Docker registry is a place to store and distribute Docker _____ * 1/1

- ☒ Images ✓
- ☐ Codes
- ☐ All of the mention
- ☐ Files

✓ What are some technologies commonly used to implement microservices? *1/1

- ☒ All the above ✓
- ☐ Kubernetes
- ☐ None of the above
- ☐ Docker

✓ Which of the following type of virtualization is also characteristic of cloud *1/1 computing?

- ☐ Application
- ☐ CPU
- ☐ Storage
- ☒ All of the mentioned ✓



✓ In a _____ scheme, the VM is installed as a Type 1 Hypervisor directly onto the hardware. *1/1

- ☐ paravirtualization
- ☒ full virtualization
- ☐ emulation
- ☐ None of the mentioned



✓ Which of the following is not an area of concern in the design model? * 1/1

- ☐ Interfaces design
- ☐ Architecture
- ☒ Project scope
- ☐ Data design



✓ Which command is used to delete a container in Docker? * 1/1

- ☐ delete
- ☐ remove
- ☐ drop
- ☒ rm



✗ One can list all of the containers on the machine via the _____ command.

*0/1

- ☐ docker run
- ☐ docker ps
- ☒ docker pc
- ☐ docker r

✗

Correct answer

- ☒ docker ps

✗ A design is said to be a good design if the components are *

0/1

- ☐ Strongly coupled
- ☒ Strongly coupled and weakly cohesive
- ☐ Weakly cohesive
- ☐ Strongly cohesive and weakly coupled

✗

Correct answer

- ☒ Strongly cohesive and weakly coupled



✗ A simple way of looking at the spiral software life-cycle model is as a waterfall model with each phase proceeded by *0/1

- ☐ Build-and-fix
- ☐ Risk analysis
- ☒ Synchronization
- ☐ Freezing

✗

Correct answer

- ☒ Risk analysis

✗ A software requirements specification (SRS) document should avoid discussing which one of the following? *0/1

- ☒ Interfaces with third party software
- ☐ Non-functional requirements
- ☐ Design specification
- ☐ User interface issues

✗

Correct answer

- ☒ Design specification



✓ In kubernetes a node is _____ *

1/1

- ☐ developing tool
- ☒ A worker machine
- ☐ A tool for starting a kubernetes cluster on a local machine
- ☐ None of mention



✗ Which of the following is true about Git?

*0/1

1. Git does not rely on the central server.
2. Git require network connection only to publish your changes and take the latest changes.
3. Every git checkout is a full backup of the server repository.

- ☐ Only 1 & 2
- ☒ Only 1 & 3
- ☐ Only 2 & 3
- ☐ All of the above



Correct answer

- ☒ All of the above

0 of 0 points

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