

SDM CCEE Mock Test

Total points 20/40 ?

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Questions

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✓ Choose the correct IaaS provider among the following? *

- ☒ EC2
- ☐ Hybrid
- ☐ EC10
- ☐ EC1

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

- ☐ Incremental Model
- ☒ Waterfall Model
- ☐ Spiral model
- ☐ Prototyping Model



✓ What are some technologies commonly used to implement microservices?

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



✕

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

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

Correct answer

- ☒ Design specification



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

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

Correct answer

- ☒ It gives efficient staff utilization

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

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



✓ What is the basic operational unit of Kubernetes? *

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



✗ _____ are those software mistakes that occurred during the coding phase?

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

Correct answer

- ☒ Bugs



✓ "V" model is? *

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

✗ Which of the following is not an area of concern in the design model? *

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

Correct answer

- ☒ Project scope



✗ Which of the following cannot be called a software life cycle model? *



☒ Rapid Application Development

☐ Capability Maturity Model

☐ Prototyping Model

☐ Waterfall Model

Correct answer

☒ Capability Maturity Model



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

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

Correct answer

- ☒ \$ docker kill



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

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

Correct answer

- ☒ Client Infrastructure

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

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



✓ Class diagram represents *

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

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

- ☐ 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



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

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

✗ Functional approach is also known as *

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

Correct answer

- ☒ Black box testing



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✗ The ways of describing specifications at different levels of detail include * 0/1

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

Correct answer

- ☒ Both



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

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

Correct answer

- ☒ All of the mentioned

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

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



✓ Which among the following measures how strongly the elements within a module are related?

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

✗ What is the role of a service registry in a microservices architecture? *

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

Correct answer

- ☒ All of the above



✗ Which of these terms best describes GitHub? *

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

Correct answer

- ☒ Web-Based Repository Hosting Service



✓ Which of the following is not a part of DevOps lifecycle _____. *

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



✗ Which of the following model may require largest deployment of manpower

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

Correct answer

- ☒ RAD Model



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

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

Correct answer

- ☒ full virtualization

✓ Which of the following runs on each node and ensures containers are running in a pod?

- ☐ Pod
- ☐ Etcd
- ☒ Kubelet
- ☐ Scheduler



✓ A simple way of looking at the spiral software life-cycle model is as a waterfall model with each phase proceeded by

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



✗ Which of the following is true about Git?

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

Correct answer

- ☒ All of the above



✗ Identify the correct set of DevOps values? *

- ☐ Culture, Automation, Lean, Metrics, Sharing
- ☐ All of the mentioned
- ☐ Culture, Automation, Lean, Measurement, Sharing
- ☒ Culture, Collaboration, Communication, Sharing

Correct answer

- ☒ Culture, Automation, Lean, Measurement, Sharing

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

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



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

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



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

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



✗ Black box testing is also called *

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

Correct answer

- ☒ Specification-based testing

✓ _____ are instances of Docker images that can be run using the Docker run command.

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

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

- ☒ rm
- ☐ drop
- ☐ delete
- ☐ remove

✗ The entity relationship diagram *

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

Correct answer

- ☒ Depicts relationships between data objects

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