



SAMPLE QUESTION PAPER

Course – DAC Module – ASDM

DAC

Q.No.1

The cost of software engineering includes approximatelyof development costs andof testing costs.

A. 50%, 50%

B. 40%, 60%

C. 80%, 20%

D. 60%, 40%

Q.No.2

Themodel stipulates that the requirements be completely specified before the rest of the development can be processed.

A. Waterfall

B. Rapid Application Development (RAD)

C. Iterative Development

D. Incremental Development

Q.No.3

What is software?

A. Set of computer programs, procedures and possibly associated document concerned with the operation of data processing.

B. A set of compiler instructions

C. mathematical formulad.

D. None of above

Q.No.4

A view shows the system hardware and how software components are distributed across the processors in the system.

A. physical

B. logical

C. process

D. all of the mentioned

Q.No.5

Which of the following statements about Persistence is correct?

A. It is the enforcement of the class of an object, such that objects of different types may not be interchanged, or at the most they may be interchanged only in very restricted ways.

B. It is the property of an object through which its existence transcends time and/or space.

C. It is the property that distinguishes an active object from one that is not active.

D. All of the mentioned

Q.No.6

Which of the following pattern is the basis of interaction management in many web-based systems?

A. architecture

C. model-view-controller

B. repository pattern

D. different operating system

Q.No.7

Agile Software Development is based on

A. Incremental Development

B. Iterative Development

C. Linear Development

D. Both Incremental and Iterative Development

Q.No.8



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Find what is the unit of measurement that is used to measure the size of a user story for an Agile project?

- A. Function points
- B. Story points
- C. Work breakdown points
- D. Velocity points

Q.No.9

The technology used to distribute service requests to resources is referred to as :

- A. load performing
- B. load scheduling
- C. load balancing
- D. all of the mentioned

Q.No.10

An operating system running on a Type ____ VM is a full virtualization.

- A. 1
- B. 2
- C. 3
- D. All of the mentioned

Q.No.11

Which of the following is used for Web performance management and load testing ?

- A. VMware Hyperic
- B. Webmetrics
- C. Univa UD
- D. Tapinsystems

Q.No.12

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

- A. Storage
- B. Application
- C. CPU
- D. All of the mentioned

Q.No.13

Agile and DevOps are similar but differ in a few important aspect.Which statement is correct?

- A. Agile is a change of thinking whereas DevOps is actual organisation cultural change
- B. Agile is actual organisational cultural change whereas DevOps is a change of thinking.
- C. Agile is process driven whereas DevOps is role driven.
- D. Agile is role driven whereas DevOps is process driven.

Q.No.14

In a DevOps organization which one of the following elements does not directly contribute to your value stream?

- A. DevOps team.
- B. Stakeholders of downstream work centers.
- C. Errors, incidents and fixes.
- D. Clients.

Q.No.15

Which one of the following is not one of the DevOps principles for good test automation?

- A. Test Automation should give quick and early feedback about your quality of work.
- B. Never mix test driven development (TDD) together with your test automation approach.



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C. Tests should generate consistent, deterministic and repeatable results provided same conditions for different test runs.
D. With your test automation, avoid slow and periodic feedback. What you need is fast feedback whenever you or your developer attempts to check-in code to your trunk.

Q.No.16

Which one of following release patterns does not enable you to do low riskDevOps code deployments in your production systems?

- A. Canary Deployment Pattern (The Dark Launch).
- B. Blue-Green Deployment Pattern.
- C. Cluster Immune System Release Pattern.
- D. Big bang code deployments of fully tested and validated releases.

Q.No.17

what is Docker?

- A. Docker is a containerization technology that packages your application
- B. all its dependencies together in the form of Containers
- C. ensure that your application works seamlessly in any environment.
- D. All of the above

Q.No.18

In Docker, the WORKDIR instruction sets the working directory for which of the following DockerFile commands:

- A. RUN, CMD and ENTRYPOINT
- B. EXPOSE, ENV and RUN
- C. VOLUME, CMD and ENV
- D. All of the above

Q.No.19

Why would a microservices architecture be beneficial?

- A. A suite of services can be deployed and upgraded without a rebuild of other, functioning services.
- B. Less service interruption for fast-paced cloud computing.
- C. Different parts of a development team can manage individual parts of a microservice.
- D. All of the above.

Q.No.20

_____ is native clustering for Docker. It turns a pool of Docker hosts into a single, virtual Docker host.

- A. Docker Swarm
- B. Docker Hub
- C. Docker Cloud
- D. Docker Compose

Q.No.21

What is the command used to convert a container into an image?

- A. dockerspish
- B. docker commit
- C. docker run
- D. docker diff

Q.No.22

The key role of Kubernetes is

- A. Container Orchestration
- B. VM Orchestration
- C. File System Management
- D. User Management



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Q.No.23

Which command tool do you use to interact with a Kubernetes cluster?

- A. kubelet B. docker C. kubectl D. fleetctl

Q.No.24

Which of the following commands runs Jenkins from the command line?

- A. java -jar jenkins.war B. java -war jenkins.jar
C. java -jar jenkins.jar D. java -war jenkins.war

Q.No.25

When you install Jenkins without any plug-ins configured, what is the only type of Jenkins build job you can create?

- A. Maven project B. Pipeline project
C. Freestyle project D. Multiconfiguration project

Q.No.26

Which of these terms best describes Git?

- A. Integrated Development Environment
B. Distributed Version Control System
C. Issue Tracking System
D. Web-Based repository hosting Service

Q.No.27

Which command should you use to initialize a new Git repository?

- A. git bash B. git install C. git init D. git start

Q.No.28

_____ command is useful for getting logs with custom format.

- A. git log -oneline B. git log ---pretty=format:
C. git log --author="" D. git rebase

Q.No.29

In Git, if you want to make your local repository reflect changes that have been made in a remote (tracked) repository, you should run the pull command.

- A. True B. False

Q.No.30

In Git, which error would you get if you try to push master-branch changes to a remote repository, and someone else pushed changes to that same branch while you were making your changes?

- A. Rejected B. 404 C. 500 D. Access denied

Q.No.31

Imagine that you just joined a development team that uses Git for version control and collaboration. To start contributing to the project, what Git operation would you most likely invoke first?

- A. checkout B. clone C. export D. revert



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Q.No.32

In white box testing what do you verify?

- A. Verify the security holes in the code
- B. Verify the incomplete or broken paths in the code
- C. Verify the flow of structure according to the document specification
- D. All of these

Q.No.33

Verification is

- A. Process based

B. Product based

Q.No.34

The testing which is done by going thro' the code is known as,

- A. Unit Testing
- B. Blackbox testing
- C. White box Testing
- D. Regression testing

Q.No.35

Which is non-functional software testing?

- A. Unit Testing
- B. Block box testing
- C. Performance Testing
- D. Regression testing

Q.No.36

In webdriver, which of the following is a valid select statement that selects a value from a drop down element?

- A. selectByIndex()
- B. selectByVisibleText()
- C. selectByValue()
- D. All of the above

Q.No.37

Select the method which performs a context-click at the current mouse location.

- A. click_Context()
- B. context.Click()
- C. contextClick()
- D. context_Click()

Q.No.38

Which method is used when you want to verify whether a certain check box, radio button, or option in a drop-down box is selected in Web driver Selenium

- A. is_Selected()
- B. isSelect()
- C. isSelected()
- D. is_Select()

Q.No.39

Select the name which is NOT the type of the locaters.

- A. ID
- B. Name
- C. Password
- D. Link Text

Q.No.40

Select the command which is NOT a type of assertion in Selenium IDE.

- A. Assert
- B. Verify
- C. WaitFor
- D. Wait