



Cloud Computing
Assignment- Week 8
TYPE OF QUESTION: MSQ

Number of questions: 10

Total mark: 10 X 1 = 10

QUESTION 1:

Each container can not run as an isolated process in user space.

- a. True
- b. False

Correct Answer: b

Detailed Solution: Each container can run as an isolated process in user space. So, the correct option is (b).

QUESTION 2:

--- runs completely isolated from the host environment by default, only accessing host files and ports if configured to do so.

- a. Image
- b. Container
- c. Compose
- d. None of these

Correct Answer: b

Detailed Solution: Container runs completely isolated from the host environment by default, only accessing host files and ports if configured to do so. So, the correct option is (b).

QUESTION 3:

--- is a lightweight, stand-alone, executable package that includes everything needed to run a piece of software, including the code, a runtime, libraries, environment variables etc.



- a. Container
- b. Hypervisor
- c. Image
- d. None of these

Correct Answer: c

Detailed Solution: Image is a lightweight, stand-alone, executable package that includes everything needed to run a piece of software, including the code, a runtime, libraries, environment variables etc.

So, the correct option is (c).

QUESTION 4:

Docker engine is a tool for defining and running multi-container Docker applications.

- a. True
- b. False

Correct Answer: b

Detailed Solution: Docker compose is a tool for defining and running multi-container Docker applications. So, the correct option is (b).

QUESTION 5:

Docker rmi is used to delete a local ----

- a. image
- b. container
- c. volume
- d. node

Correct Answer: a

Detailed Solution: Docker rmi is used to delete a local image. So, the correct option is (a).

QUESTION 6:

--- get virtual access to host resources through a hypervisor.

- a. Containers



- b. Virtual machines
- c. Both a and b
- d. Images

Correct Answer: b

Detailed Solution: Virtual machines get virtual access to host resources through a hypervisor. So, the correct option is (b).

QUESTION 7:

A docker image can be created from a docker container.

- a. True
- b. False

Correct Answer: a

Detailed Solution: A docker image can be created from a docker container. So, the correct option is (a).

QUESTION 8:

A green broker can perform scheduling of applications to reduce energy consumption.

- a. True
- b. False

Correct Answer: a

Detailed Solution: A green broker can perform scheduling of applications to reduce energy consumption. So, the correct option is (a).

QUESTION 9:

In the context of Green Cloud Computing, the Power Usage Effectiveness is defined as

- a. Power Delivered / Overall Power
- b. Overall Power / Power Delivered
- c. Overall Power * Power Delivered
- d. None of these

Correct Answer: b



Detailed Solution: In the context of Green Cloud Computing, the Power Usage Effectiveness is defined as Overall Power / Power Delivered. So, the correct option is (b).

QUESTION 10:

For sensor resources that do not have direct connection to the cloud, sensor network proxy provides the connection.

- a. True
- b. False

Correct Answer: a

Detailed Solution: For sensor resources that do not have direct connection to the cloud, sensor network proxy provides the connection. So, the correct option is (a).

*****END*****