



Cloud Computing

Assignment-Week 1

TYPE OF QUESTION: MCQ/MSQ

Number of questions: 10

Total mark: 10 X 1 = 10

QUESTION 1:

Which of the following fall(s) under the “essential characteristics” of cloud computing?

- A. Resource Pooling
- B. Measured Service
- C. Rapid Elasticity
- D. Latency

Correct Answer: A,B,C

Detailed Solution: cloud computing is a model for on-demand network access to a shared pool of configurable computing resources that can provide rapid elasticity. It provides automatic control and optimizes resource use by leveraging a metering capability.

QUESTION 2:

“Google Doc” is an example of

- A. PaaS
- B. IaaS
- C. SaaS
- D. FaaS

Correct Answer: C

Detailed Solution: Google Slide is a provider’s application that runs on Google Cloud. The application can be accessed from various client terminals through a client interface, say a web browser. So, It is a Software as a Service (SaaS) model.

QUESTION 3:

Business-Process-as-a-Service is not a part of XaaS.

- A) True
- B) False

Correct Answer: B

Detailed Solution: Business-Process-as-a-Service is a part of XaaS (Anything-as-a-Service).



mechanisms to avoid single points of failure.

QUESTION 4:

Network Function Virtualization involves the implementation of _____ function in software that can run on a range of industry-standard servers _____.

- A. network,software
- B. hardware, software
- C. hardware, network
- D. network,hardware

Correct Answer: D

Detailed Solution: Network Function Virtualization involves the implementation of network function in software that can run on a range of industry-standard servers hardware.

QUESTION 5:

Which are the following applications for SaaS (Software as a Service) architecture?

- A) Billing software
- B) CRM
- C) App engines
- D) None of above

Correct Answer: A,B

Detailed Solution: SaaS is useful for Billing and CRM software. PassS is useful for app engines.

QUESTION 6:

Web access to commercial software is one of the SaaS characteristics in the cloud computing paradigm.

- A. True
- B. False

Correct Answer: A

Detailed Solution: Web access to commercial software is one of the SaaS characteristics in the cloud computing paradigm.



QUESTION 7:

In the case of the client-server model: Statement (i) Virtualization is a core concept; Statement (ii) system can scale infinitely

- A) Only Statement (i) is correct
- B) Only Statement (ii) is correct
- C) Both Statements (i) and (ii) are correct
- D) None of the statements is correct

Correct Answer: D

Detailed Solution: In the case of the client-server model: there is no concept of virtualization; the system can scale up to a certain extent.

QUESTION 8:

Client-server model is always load-balanced

- A) True
- B) False

Correct Answer: B

Detailed Solution: The Client-server model may or may not be load-balanced

QUESTION 9:

PaaS (Platform as a Service) brings the benefits: (i) Creation of software (ii) Integration of web services and databases

- A. Only (i)
- B. Only (ii)
- C. Both (i) and (ii)
- D. Neither (i) nor (ii)

Correct Answer: C

Detailed Solution: PaaS is a computing platform that allows developers to quickly create software or online applications by connecting web services and databases.



QUESTION 10:

Which of the following is false?

- a) Private cloud is dedicated solely to an organization.
- b) Community cloud is a composition of public and private cloud.
- c) Public cloud is available to the general public.
- d) None of these

Correct Answer: b

Detailed Solution: Community cloud is shared by several organizations and serves a specific goal.

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