



Cloud Computing
Assignment- Week 1
TYPE OF QUESTION: MSQ

Number of questions: 10

Total mark: 10 X 1 = 10

QUESTION 1:

Which of the following is/are properties of distributed computing?

- a) Fault tolerance
- b) Resource sharing
- c) Load sharing
- d) None of the above

Correct Answer: a, b, c

Detailed Solution: All three are the basic properties of distributed computing.

QUESTION 2:

Which of the following is/are a type of Grid?

- a) Computational Grid
- b) Data Grid
- c) Edge Grid
- d) All of the above

Correct Answer: a, b

Detailed Solution: Types of grid are data grid, computational grid and collaboration grid.

QUESTION 3:

“On demand cyber infrastructure” - is better identified with which of the following?

- a) Grid Computing
- b) Cluster Computing
- c) Utility Computing
- d) Both ‘a’ and ‘b’

Correct Answer: c

Detailed Solution: “On demand cyber infrastructure” is better identified in Utility Computing.



QUESTION 4:

Which of the following is false about cloud computing?

- a) Cloud computing is to realize service oriented architecture.
- b) It is on-demand self-service.
- c) Resource release needs maximal service provider interaction.
- d) Provides on demand network access to a shared pool of resources.

Correct Answer: c

Detailed Solution: In cloud computing, resources can be provisioned and released with minimal management effort from the service provider.

QUESTION 5:

Which of the following is not an essential characteristic of cloud computing?

- a) Low cost software
- b) Resource pooling
- c) Broad network access
- d) On-demand self-service

Correct Answer: a

Detailed Solution: Only resource pooling, broad network access, and on-demand self-service fall in the essential characteristics of cloud computing.

QUESTION 6:

Which of the following is false?

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

Correct Answer: a

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



QUESTION 7:

Which of the following statements about virtualization is/are true?

- I. Network virtualization provides a facility to create and provision virtual networks.
 - II. Migration of virtual machines is difficult.
 - III. Virtualization emulates more machines than are exactly available.
- a) I & II are true
 - b) I & III are true
 - c) Only I is true
 - d) All

Correct Answer: b

Detailed Solution: Point II is irrelevant regarding virtualization.

QUESTION 8:

Vertical scale up is

- a) Splitting workload across multiple computational units
- b) Adding more resources to a single computation
- c) Adding additional computational units
- d) All of the above

Correct Answer: b

Detailed Solution: Vertical scale-up means adding more resources to a single computation.

QUESTION 9:

Which of the following is one of the characteristics of PaaS?

- a) Provides tools to deploy user applications
- b) Application is provided by the cloud provider
- c) Resources are distributed as a service
- d) None of these

Correct Answer: a

Detailed Solution: PaaS provides tools to deploy user applications.

QUESTION 10:

Which of the following is/are type(s) of Cluster?

- a) Load Balancing Cluster
- b) Cost Effective Cluster
- c) Failover Cluster
- d) Energy Efficient Cluster



Correct Answer: a, c

Detailed Solution: There are three types of cluster: High Availability or Failover Clusters, Load Balancing Cluster, and Parallel/Distributed Processing Clusters. So, options (a) and (c) are correct. Refer to slide number 31.

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