Cloud Computing

Assignment-Week 1
TYPE OF QUESTION: MCQ/MSQ

Number of questions: 10   **Total mark: 10 X 1 = 10**

QUESTION 1:

A distributed system is preferred when the task is: i)Data-intensive; ii)Computing-intensive

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

Correct Answer: C

Detailed Solution: A distributed system is preferred when the task is both data and computing-intensive

---

QUESTION 2:

The "Grid" in the distributed grid computing paradigm links together power plants of different kinds.

- A. True
- B. False

Correct Answer: B

Detailed Solution: The grid in distributed grid computing paradigm links together computing resources and provides the mechanism needed to access them.

QUESTION 3:

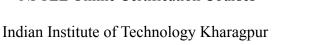Which one of the following is/are the advantage(s) of cloud computing?

- A. Resource pooling
- B. It requires an always-on internet connection.
- C. Ubiquitous
- D. On-demand payment policy

Correct Answer: A, C, D

Detailed Solution: Cloud computing brings resource pooling, ensures ubiquitousness and provides an on-demand payment policy.

QUESTION 4:

The distributed system ensures 'robustness' of performance.

A. True
B. False

Correct Answer: A

Detailed Solution: The distributed system ensures 'robustness' of performance. No Single point of failure.

QUESTION 5:
What is(are) the characteristic(s) of using cluster computing?

A. Parallel programming
B. Faster network than a typical LAN
C. Low-latency communication protocols
D. None of these.

Correct Answer: A,B, C

Detailed Solution: Clusters are deployed to improve the speed over LAN-connected single standalone computers. Its key components are parallel programming and ensuring Low-latency communication protocols.

QUESTION 6:

Web access to commercial software is one of the SaaS (Software as a Service) 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:

Example(s) of PaaS (Platform as a Service) tool(s) is(are):

A. Microsoft Powerpoint
B. Microsoft Azure
C. Google App Engine
D. Google mail service

Correct Answer: B, C

Detailed Solution: Examples of PaaS tools are Microsoft Azure and Google app engine.

QUESTION 8:

IaaS (Infrastructure as a Service) in cloud computing delivers (i) storage; (ii) servers.

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

Correct Answer: C

Detailed Solution: IaaS is a computing platform that allows developers to quickly create software or online applications by delivering storage, servers, networks, OSs and on-demand service.

QUESTION 9:

IaaS (Infrastructure as a Service) is the best option where regulatory compliance makes the offshoring or outsourcing of data storage and processing difficult

A. True
B. False

Correct Answer: B

Detailed Solution: IaaS may not be the best option where regulatory compliance makes the offshoring or outsourcing of data storage and processing difficult

QUESTION 10:

What is/are the main requirement(s) of a Cloud Service Provider (CSP)?

A. Increase agility
B. Increase cost
C. Increase productivity
D. Decrease cost

Correct Answer: A,C

Detailed Solution: CSP looks forward to enhancing productivity and agility.