- B. Federation is a mandatory component for an optimized microservice deployment.
- C. The architecture of microservice applications allows the use of auto-scaling.
- D. Microservice applications use orchestration solutions to update components in each service.

Correct Answer: D

QUESTION 82

Which of the following security objectives is MOST improved when moving a system to the cloud?

- A. Availability
- B. Integrity
- C. Privacy
- D. Confidentiality

Correct Answer: A QUESTION 83

A low-budget project with a flexible completion time can become financially feasible via the use of:

- A. right-sizing.
- B. resource tagging.
- C. reserved instances.
- D. spot instances.

Correct Answer: D

QUESTION 84

Which of the following BEST describes a pay-as-you-go licensing model within a cloud service?

- A. Subscription agreement
- B. Perpetual agreement
- C. Enterprise agreement
- D. Promotional agreement

Correct Answer: D

QUESTION 85

Which of the following metrics defines how much data loss a company can tolerate?

- A. RTO
- B. TCO
- C. MTTR
- D. ROI
- E. RPO

Correct Answer: E

QUESTION 86

Before conducting a cloud migration, a compliance team requires confirmation that sensitive data will remain close to their users. Which of the following will meet this requirement during the cloud design phase?

- A. Data locality
- B. Data classification
- C. Data certification
- D. Data validation

Correct Answer: B

QUESTION 87

Which of the following is the BEST approach to optimize data security in an laaS migration of data to the cloud?

- A. Review the risk register.
- B. Perform a vulnerability scan
- C. Perform server hardening.
- D. Configure encryption in transit.

Correct Answer: A

QUESTION 88

A systems administrator must select a CSP while considering system uptime and access to critical servers. Which of the following is the MOST important criterion when choosing the CSP?

- A. Elasticity
- B. Scalability
- C. Availability
- D. Serviceability

Correct Answer: C

QUESTION 89

Which of the following stores transactions in a distributed ledger of which all users have a copy?

- A. Big Data
- B. Blockchain
- C. Machine learning
- D. Artificial intelligence

Correct Answer: B

QUESTION 90

Which of the following should be considered to ensure the availability of data that is accessed across multiple sites? (Choose two.)

- A. Auto-scaling
- B. Geo-redundancy
- C. Backup
- D. Provisioning
- E. LocalityF. Zones

Correct Answer: BC

QUESTION 91

A company wants to save on cloud storage costs for data that does not need to be accessible in a timely manner. Which of the following storage types would be the BEST option?

- A. Cold
- B. Block
- C. Object
- D. Tape

Correct Answer: A

QUESTION 92

A company wants to deploy an application in a public cloud. Which of the following service models gives the MOST responsibility to the provider?

- A. PaaS
- B. laaS
- C. BPaaS
- D. SaaS

Correct Answer: D

QUESTION 93

Which of the following security concerns is BEST addressed by moving systems to the cloud?

- A. Availability
- B. Authentication
- C. Confidentiality
- D. Integrity

Correct Answer: A

QUESTION 94

For security reasons, a cloud service that can be accessed from anywhere would make BEST use of:

- A. replication.
- B. multifactor authentication.
- C. single sign-on.
- D. data locality

Correct Answer: B

QUESTION 95

A business analyst is using a public cloud provider's CRM service to manage contacts and organize all communication. Which of the following cloud service models is the analyst using?

A. laaS

- B. SaaS
- C. DBaaS
- D. PaaS

Correct Answer: B

QUESTION 96

Which of the following would be expected from a security consultant who has been hired to investigate a data breach of a private cloud instance?

- A. Incident report
- B. Application scan results
- C. Request for information
- D. Risk register

Correct Answer: A

QUESTION 97

Which of the following storage types will BEST allow data to be backed up and retained for long periods of time?

- A. Solid state storage
- B. Block storage
- C. Object storage
- D. File storage

Correct Answer: C

QUESTION 98

Which of the following are aspects of cloud data availability? (Choose two.)

- A. Resource tagging
- B. Data sovereignty
- C. Locality
- D. Zones
- E. Geo-redundancy
- F. Auto-scaling

Correct Answer: DE

QUESTION 99

A business analyst is comparing utilization for a company's cloud servers on a financial expenditures report. The usage report is as follows:

Server name	Used space	Allocated space
Application server	18GB	100GB
Mail server	55GB	80GB
File server	70GB	90GB
Web server	105GB	130GB

Which of the following instances represents the highest utilization?

- A. Mail server
- B. Application server
- C. File server
- D. Web server

Correct Answer: D

QUESTION 100

After a cloud migration, a company hires a third party to conduct an assessment to detect any cloud infrastructure vulnerabilities. Which of the following BEST describes this process?

- A. Hardening
- B. Risk assessment
- C. Penetration testing
- D. Application scanning

Correct Answer: B

QUESTION 101

For which of the following reasons is the infrastructure as code technique used?

- A. To improve the ability to migrate applications to different cloud providers to avoid vendor lock-in.
- B. To specify the hardware configuration and system installation procedures in machine-readable formats.
- C. To capture the system configurations to track changes and remediate configuration drift.
- D. To assign server administration responsibilities to software developers for application deployments.

Correct Answer: B

QUESTION 102

Which of the following strategies allows an organization to plan for cloud expenditures in a way that most closely aligns with the capital expenditure model?

- A. Simplifying contract requirements
- B. Implementing consolidated billing
- C. Considering a BYOL policy
- D. Using reserved cloud instances

Correct Answer: D