# Quiz: Introduction to Cloud Computing

# Instructions

This quiz will test your understanding of the concepts covered in Module 1: Introduction to Cloud Computing. Please answer each question to the best of your ability. The last page contains an answer key.

## 1. What is one of the primary characteristics of cloud computing?

- A. On-demand self-service

- B. Limited network access

- C. Static resource allocation

- D. Manual scalability

## 2. Which cloud service model provides the highest level of control over the infrastructure?

- A. SaaS

- B. PaaS

- C. IaaS

- D. DaaS

## 3. True or False: In a private cloud, services are delivered over a private network and are not shared with other organizations.

- A. True

- B. False

## 4. Which of the following is NOT a principle of cloud computing?

- A. Broad network access

- B. On-demand self-service

- C. Fixed resource allocation

- D. Measured service

## 5. What is an example of a public cloud service?

- A. A company's internal data center

- B. Microsoft Azure

- C. A private network for a government agency

- D. An on-premises virtualization solution

## 6. Which deployment model combines public and private cloud resources?

- A. Public Cloud

- B. Private Cloud

- C. Hybrid Cloud

- D. Community Cloud

## 7. What are some benefits of using a public cloud model? (Select all that apply)

- A. Scalability

- B. Enhanced security due to private network usage

- C. Cost efficiency

- D. Maintenance-free

## 8. Which of the following best describes Infrastructure as a Service (IaaS)?

- A. A service model that provides applications over the internet

- B. A platform allowing developers to build and deploy applications

- C. A service model that provides virtualized computing resources over the internet

- D. A model where the provider manages the entire infrastructure and applications

## 9. Match the cloud service model with its primary feature:

- **IaaS**

  - A. Provides a platform for building and deploying applications.
  - B. Offers virtualized computing resources over the internet.
  - C. Delivers software applications over the internet.

- **PaaS**

  - A. Provides a platform for building and deploying applications.
  - B. Offers virtualized computing resources over the internet.
  - C. Delivers software applications over the internet.

- **SaaS**

  - A. Provides a platform for building and deploying applications.
  - B. Offers virtualized computing resources over the internet.
  - C. Delivers software applications over the internet.

## 10. Which of the following is a use case for a hybrid cloud model?

- A. Running a public website

- B. An on-premises email server for a small business

- C. Using public cloud resources for disaster recovery while keeping critical operations on-premises

- D. A dedicated server farm for a single organization

## 11. What does "rapid elasticity" refer to in cloud computing?

- A. The ability to quickly allocate and deallocate resources as needed

- B. The capability to access resources from multiple devices

- C. The provision of resources over a broad network

- D. The measurement of resource usage for billing purposes

## 12. True or False: In the SaaS model, users are responsible for managing the underlying infrastructure.

- A. True

- B. False

## 13. What is a common characteristic of both public and private clouds?

- A. Shared resources among multiple organizations

- B. Provisioning of on-demand resources

- C. Enhanced security measures

- D. Fixed scalability options

## 14. Which cloud model is most suitable for highly regulated industries requiring strict compliance?

- A. Public Cloud

- B. Private Cloud

- C. Hybrid Cloud

- D. Community Cloud

# WARNING: The next page contains the answers to the quiz!

# Answer Key

## Multiple Choice Questions

1. A

2. C

3. A

4. C

5. B

6. C

7. A, C, D

8. C

9. Cloud Service Models

   - **IaaS:** B
   - **PaaS:** A
   - **SaaS:** C

10. C

11. A

12. B

13. B

14. B