CLOUD COMPUTING QUESTIONS

1. What is Cloud Computing?

- A) Storing data on physical devices only
- B) Using remote servers to store, manage, and process data over the internet
- C) A method for accessing local network resources
- D) Using local servers to manage online data

2. Which of the following is NOT a characteristic of cloud computing?

- A) On-demand self-service
- B) Scalability
- C) Limited access
- D) Resource pooling

3. Which cloud service model provides hardware and networking infrastructure on a pay-per-use basis?

- A) SaaS (Software as a Service)
- B) IaaS (Infrastructure as a Service)
- C) PaaS (Platform as a Service)
- D) DaaS (Data as a Service)

4. Which of the following is an example of IaaS (Infrastructure as a Service)?

- A) Microsoft Azure
- B) Google Drive
- C) Dropbox
- D) Google Docs

5. Which of the following is an example of SaaS (Software as a Service)?

- A) Amazon Web Services (AWS)
- B) Office 365
- C) Virtual machines
- D) Google Cloud Platform

6. What is the primary advantage of cloud computing over traditional computing?

- A) Lower hardware costs
- B) Increased reliance on physical servers
- C) The need for constant internet connectivity
- D) Scalability and flexibility of resources

7. Which of the following is a major security concern with cloud computing?

- A) Limited scalability
- B) Data privacy and security risks
- C) Cost control
- D) Software compatibility

8. What does the term "public cloud" refer to?

- A) Cloud services provided only to a single company or organization
- B) Cloud services that are available to the general public over the internet
- C) A cloud that is managed by government agencies only
- D) A cloud that offers only free services

9. Which cloud deployment model allows for a combination of private and public cloud services?

- A) Public cloud
- B) Private cloud
- C) Hybrid cloud
- D) Distributed cloud

10. Which of the following is an example of a public cloud provider?

- A) IBM Cloud
- B) Google Cloud
- C) Microsoft Azure
- D) All of the above

11. Which of the following is the primary benefit of cloud scalability?

- A) The ability to add or remove resources based on demand
- B) The ability to create custom hardware
- C) The ability to limit access to data

- D) The ability to keep all resources locally stored

12. What does the term "elasticity" in cloud computing refer to?

- A) The cost of cloud resources
- B) The flexibility to scale resources up or down based on demand
- C) The process of securing cloud data
- D) The integration of cloud services with local IT infrastructure

13. Which of the following is a platform commonly used for cloud-based storage?

- A) Dropbox
- B) Local hard drives
- C) USB drives
- D) Desktop software

14. Which of the following is a major advantage of using cloud storage for businesses?

- A) Increased security
- B) Limited storage capacity
- C) Accessibility from anywhere with an internet connection
- D) Higher upfront costs

15. What does "multi-tenancy" mean in the context of cloud computing?

- A) Cloud servers are shared by multiple organizations, each with separate data storage
- B) Each organization has its own private cloud
- C) The cloud is managed by a single tenant
- D) Data is stored across multiple data centers

16. What is the purpose of cloud load balancing?

- A) To allocate data storage evenly
- B) To ensure that cloud resources are used efficiently and evenly distribute traffic
- C) To scale cloud resources based on data access speeds

- D) To store backup copies of critical files

17. Which of the following is an example of PaaS (Platform as a Service)?

- A) Amazon EC2
- B) Google App Engine
- C) Microsoft Office 365
- D) Dropbox

18. Which of the following is true about the "pay-as-you-go" model in cloud computing?

- A) It requires upfront costs for infrastructure
- B) It charges based on the resources you use rather than flat rates
- C) It is applicable only to public cloud models
- D) It is a model used only by private clouds

19. Which of the following is a common feature of cloud services?

- A) Limited accessibility

- B) Centralized computing and resource management
- C) Always offline availability
- D) Lack of scalability

20. Which of the following is an example of a cloud-based email service?

- A) Gmail
- B) Microsoft Outlook
- C) Yahoo Mail
- D) All of the above