1. What is cloud computing?  
   a) Using physical servers at a fixed location  
   b) Delivering computing services over the internet  
   c) A personal computer with enhanced storage  
   d) A type of software development method
2. Who introduced the concept of Utility Computing in the 1960s?  
   a) Bill Gates  
   b) John McCarthy  
   c) Steve Jobs  
   d) Larry Page
3. What key technology did IBM introduce in the 1970s?  
   a) Web applications  
   b) Virtualization  
   c) Cloud gaming  
   d) Machine learning
4. Which company pioneered the Software-as-a-Service (SaaS) model in the 1990s?  
   a) Microsoft  
   b) Google  
   c) Salesforce  
   d) Amazon
5. When did Amazon Web Services (AWS) launch its first cloud services?  
   a) 2000  
   b) 2006  
   c) 2010  
   d) 2015
6. Which of the following is NOT a key characteristic of cloud computing?  
   a) On-Demand Self-Service  
   b) Broad Network Access  
   c) High Latency  
   d) Rapid Elasticity
7. Which cloud computing characteristic ensures users pay only for what they use?  
   a) Resource Pooling  
   b) Measured Service  
   c) Broad Network Access  
   d) Rapid Elasticity
8. What is a major advantage of cloud computing?  
   a) Higher maintenance costs  
   b) Automatic updates  
   c) Limited scalability  
   d) Restricted access
9. Which cloud service model provides virtual computing resources over the internet?  
   a) SaaS  
   b) PaaS  
   c) IaaS  
   d) DaaS
10. Which of the following is an example of a Platform-as-a-Service (PaaS)?  
    a) AWS EC2  
    b) Microsoft 365  
    c) Google App Engine  
    d) Dropbox
11. What type of cloud deployment model is dedicated to a single organization?  
    a) Public Cloud  
    b) Private Cloud  
    c) Hybrid Cloud  
    d) Community Cloud
12. What is a key advantage of a hybrid cloud?  
    a) It is the cheapest option  
    b) It combines security and scalability  
    c) It is only available for startups  
    d) It lacks flexibility
13. Which cloud provider did Netflix migrate to in 2016?  
    a) Google Cloud  
    b) IBM Cloud  
    c) Microsoft Azure  
    d) AWS
14. What architecture did Netflix adopt to improve performance?  
    a) Monolithic architecture  
    b) Microservices architecture  
    c) Single-server architecture  
    d) Hybrid storage architecture
15. Why did Netflix build a Content Delivery Network (CDN)?  
    a) To reduce costs  
    b) To optimize streaming speed  
    c) To eliminate storage needs  
    d) To restrict global access

1. What is cloud computing primarily about?

a) Using local servers for data storage

b) Delivering computing services over the internet

c) Running applications on personal computers

d) Managing physical infrastructure

2. Which decade saw the introduction of the utility computing concept?

a) 1900s

b) 1970s

c) 1990s

d) 2000s

3. What did IBM introduce in the 1970s that was a key milestone in cloud computing?

a) Web applications

b) Virtualization

c) Quantum computing

d) Edge computing

4. Which company pioneered the Software-as-a-Service (SaaS) model in the 1990s?

a) IBM

b) Amazon

c) Salesforce

d) Google

5. What did Amazon Web Services (AWS) launch in 2006?

a) Google App Engine

b) Microsoft Azure

c) Elastic Compute Cloud (EC2)

d) Quantum computing

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

a) On-Demand Self-Service

b) Broad Network Access

c) Resource Pooling

d) Physical Infrastructure

7. What does "Rapid Elasticity" in cloud computing refer to?

a) Resources scaling up or down automatically based on demand

b) Users paying only for what they use

c) Multiple users sharing the same resources securely

d) Accessing cloud services on various devices

8. Which of the following is an advantage of cloud computing?

a) Increased physical infrastructure costs

b) Reduced scalability

c) Automatic updates handled by providers

d) Limited collaboration

9. Which cloud service model provides virtual computing resources over the internet?

a) SaaS

b) PaaS

c) IaaS

d) CDN

10. What does PaaS stand for in cloud computing?

a) Platform-as-a-Service

b) Product-as-a-Service

c) Protocol-as-a-Service

d) Performance-as-a-Service

11. Which cloud deployment model is best for startups and web applications?

a) Private Cloud

b) Public Cloud

c) Hybrid Cloud

d) Community Cloud

12. What is a key advantage of a private cloud?

a) Cost-effectiveness

b) Scalability

c) More control and security

d) No maintenance

13. Which cloud deployment model is a mix of public and private cloud?

a) Community Cloud

b) Hybrid Cloud

c) Public Cloud

d) Private Cloud

14. Why did Netflix move to the cloud?

a) To reduce global reach

b) To increase hardware costs

c) To improve scalability and reliability

d) To slow down feature deployment

15. What does Netflix use AI for in its cloud strategy?

a) Managing physical infrastructure

b) Recommendations and analytics

c) Reducing internet speed

d) Decreasing uptime