

## # Cloud Computing Multiple Choice Questions

1. What is cloud computing?
  - a) A type of weather forecasting system
  - b) The delivery of computing services over the internet ✓
  - c) A local storage system
  - d) A type of computer hardware
2. What is the main purpose of cloud computing?
  - a) To increase internet speed
  - b) To enable users to store, manage, and process data regardless of location ✓
  - c) To replace traditional computers
  - d) To create new software applications
3. Which of the following is NOT a component of cloud computing?
  - a) Clients
  - b) Internet connectivity
  - c) Service providers
  - d) Physical servers on-premises only ✓
4. Which of these companies is a cloud service provider?
  - a) Facebook
  - b) Twitter
  - c) Amazon Web Services (AWS) ✓
  - d) WhatsApp
5. What does "off-site" mean in cloud computing context?
  - a) Disconnected from the internet
  - b) Located at a remote location, not on-premises ✓
  - c) Only accessible during office hours
  - d) Available offline
6. Which type of cloud is typically used by a single organization?
  - a) Public cloud
  - b) Private cloud ✓
  - c) Community cloud
  - d) Hybrid cloud
7. What type of organizations typically use private clouds?
  - a) Small businesses
  - b) Social media platforms
  - c) Banks and healthcare organizations ✓
  - d) Personal users
8. What is a community cloud?
  - a) A cloud used by social media users
  - b) A cloud shared by multiple organizations with common needs ✓
  - c) A public cloud with restricted access
  - d) A private cloud for individual users
9. Which cloud deployment model combines both public and private clouds?
  - a) Community cloud
  - b) Hybrid cloud ✓
  - c) Mixed cloud
  - d) Shared cloud
10. What is SaaS?
  - a) Software as a System
  - b) System as a Service
  - c) Software as a Service ✓

d) System as a Software

11. Which is an example of SaaS?

- a) Amazon Web Services
- b) Google Docs ✓
- c) Virtual machines
- d) Development platforms

12. In which service model do users have the most control over resources?

- a) SaaS
- b) PaaS
- c) IaaS ✓
- d) All have equal control

13. What is PaaS primarily designed for?

- a) End users
- b) Software developers ✓
- c) System administrators
- d) Hardware engineers

14. Which cloud service model is like taking a taxi in the transportation analogy?

- a) IaaS
- b) PaaS ✓
- c) SaaS
- d) On-premises

15. In the pizza analogy, which service model represents getting a fully cooked pizza?

- a) IaaS
- b) PaaS
- c) SaaS ✓
- d) On-premises

16. What type of cloud is Gmail an example of?

- a) Private cloud
- b) Public cloud ✓
- c) Community cloud
- d) Hybrid cloud

17. Which cloud deployment model would multiple universities sharing resources use?

- a) Public cloud
- b) Private cloud
- c) Community cloud ✓
- d) Hybrid cloud

18. What is the primary characteristic of IaaS?

- a) Provides fully managed software
- b) Offers development platforms
- c) Provides basic computing resources ✓
- d) Manages all aspects of computing

19. Which service model requires the least technical knowledge from users?

- a) IaaS
- b) PaaS
- c) SaaS ✓
- d) All require the same level

20. In a hybrid cloud setup, where is sensitive data typically stored?

- a) Public cloud portion
- b) Private cloud portion ✓
- c) Community cloud portion

d) External storage

21. What does PaaS provide to developers?

- a) Complete software applications
- b) Development and deployment tools ✓
- c) Only storage space
- d) Hardware components

22. Which cloud service is best for big data analytics?

- a) Private cloud only
- b) Public cloud only
- c) Either public or hybrid cloud ✓
- d) Community cloud only

23. What is the main advantage of cloud computing for remote teams?

- a) Faster internet speed
- b) Better security
- c) Real-time collaboration capability ✓
- d) Cheaper hardware costs

24. In the transportation analogy, what represents on-premises IT infrastructure?

- a) Taking a bus
- b) Owning a car ✓
- c) Leasing a car
- d) Taking a taxi

25. What is the main characteristic of public cloud services?

- a) Limited access
- b) Available to everyone over the internet ✓
- c) Only for business use
- d) Requires special hardware

26. Which type of cloud would be most appropriate for sharing patient data between hospitals?

- a) Public cloud
- b) Private cloud
- c) Community cloud ✓
- d) Personal cloud

27. What is a key feature of PaaS?

- a) The provider manages the underlying infrastructure ✓
- b) Users must manage all aspects of the service
- c) It's only available to large organizations
- d) It requires physical server maintenance

28. Which service model is most like leasing a car?

- a) SaaS
- b) PaaS
- c) IaaS ✓
- d) None of the above

29. What is the primary benefit of using cloud backup services?

- a) Faster internet connection
- b) Better hardware performance
- c) Automatic backups and quick recovery ✓
- d) Cheaper software licenses

30. Which of these is NOT a common use case for cloud computing?

- a) Data backup and recovery
- b) Software development and testing
- c) Physical hardware maintenance ✓

d) Remote collaboration

# Answer Key Summary:

1. b
2. b
3. d
4. c
5. b
6. b
7. c
8. b
9. b
10. c
11. b
12. c
13. b
14. b
15. c
16. b
17. c
18. c
19. c
20. b
21. b
22. c
23. c
24. b
25. b
26. c
27. a
28. c
29. c
30. c