CLOUD COMPUTING

Questions and Answers • Parts A to D

A. Tick (✓) the Correct Answer

1. What is the primary benefit of cloud computing for businesses?

a. Reduced security risks b. Increased upfront costs
c. Global accessibility d. Dependency on local infrastructure

Answer: c. Global accessibility

2. Which type of cloud computing is exclusively used by a single organisation?

a. Public b. Hybrid c. Private d. Community

Answer: c. Private

3. Which cloud computing service model provides on-demand IT infrastructure such as servers and storage?

a. IaaS b. SaaS c. PaaS d. StaaS

Answer: a. IaaS

4. Which type of cloud combines aspects of both public and private clouds?

a. Hybrid b. Community c. Multi-cloud d. Virtual cloud

Answer: a. Hybrid

5. Which cloud computing service model delivers software applications over the Internet on a subscription basis?

a. IaaS b. SaaS c. PaaS d. StaaS

Answer: b. SaaS

B. Fill in the Blanks

1. _____ cloud is owned and operated by third-party cloud service providers, delivering computing resources over the Internet.

Answer: Public

2. Google Drive is an example of a cloud storage service that offers _____ GB of free storage space to all users having a Gmail account.

Answer: 15 GB

3. _____ cloud computing services are provided over a private network and not over a public network like the Internet.

Answer: Private

4. _____ cloud allows data and applications to be shared between the public and private clouds.

Answer: Hybrid

C. Write T for True and F for False

1. Cloud services are provided on subscription basis allowing businesses to avoid upfront investments in hardware and software.

Answer: T (True)

2. **PaaS provides on-demand IT infrastructure like servers and storage.**

   Answer: F (False)
   Correct statement: IaaS provides on-demand IT infrastructure like servers and storage.

3. **SaaS allows users to manage and control the underlying cloud infrastructure.**

   Answer: F (False)
   Correct statement: SaaS allows users to access software applications over the Internet without managing the underlying cloud infrastructure.

4. **Cloud computing eliminates the need for businesses to manage hardware and software resources.**

   Answer: T (True)

5. **Cloud computing offers flexible and scalable options.**

   Answer: T (True)

6. **Google Drive is an example of a cloud storage service that offers 5GB of free storage space to users.**

   Answer: F (False)
   Correct statement: Google Drive offers 15 GB of free storage space to users with a Google account.

D. Give an Example of Each of the Following

1. **Public Cloud**

   Answer: Google Drive, Amazon Web Services (AWS).

2. **Private Cloud**

   Answer: OpenStack, VMware.

3. **Hybrid Cloud**

   Answer: Microsoft Azure, AWS.