**10\_SAS\_On Cloud Models Characteristics of Private Cloud.  
Possible Answers Sheet**

| Q1 | What is a private cloud? |
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| ANS | A private cloud is a cloud computing environment dedicated exclusively to a single organization, providing control, security, and customization over the infrastructure and resources. |
| Q2 | What are the characteristics of a private cloud? |
| ANS | Ownership, Hardware, Users, Connectivity, Prevent Public Access,Extensive Skills. |
| Q3 | What is ownership in a private cloud? |
| ANS | Ownership in a private cloud refers to the organization's exclusive control and responsibility for the infrastructure, resources, and data within the cloud environment. Unlike public clouds, which are owned and managed by third-party providers, private clouds are owned and operated by the organization itself. |
| Q4 | What is the comparison between public cloud and private cloud? |
| ANS | Public Cloud: Shared infrastructure, accessible to multiple users over the internet, owned and managed by third-party providers.  Private Cloud: Dedicated infrastructure, exclusive access for a single organization, owned and operated by the organization itself, offering enhanced control, security, and privacy. |
| Q5 | What is hardware in a private cloud? |
| ANS | Hardware in a private cloud refers to the physical components such as servers, storage devices, networking equipment, and other infrastructure resources that are dedicated to and managed within the private cloud environment. |
| Q6 | What are users in a private cloud? |
| ANS | Users in a private cloud refer to the individuals or entities within the organization who have access to and utilize the resources and services provided by the private cloud infrastructure. |
| Q7 | What is connectivity in a private cloud? |
| ANS | Connectivity in a private cloud refers to the network connections and configurations that enable communication and access to the cloud resources within the organization's network infrastructure. |
| Q8 | The connection to a private cloud is not available to the public? True/False. |
| ANS | True. |
| Q9 | What is public access in a private cloud? |
| ANS | Public access in a private cloud refers to the lack of accessibility to external users or entities outside of the organization. Private clouds are designed to provide exclusive access and control to the organization's users and are not accessible to the general public. |
| Q10 | What are skills in a private cloud? |
| ANS | Skills in a private cloud encompass the knowledge and expertise required to design, deploy, manage, and maintain the private cloud infrastructure and services. This includes skills related to virtualization, networking, security, automation, and cloud management technologies. |