

TWO MARKS

1.What is cloud service

Cloud services are infrastructure, platforms, or software that are hosted by third-party providers and made available to users through the internet.

Cloud services facilitate the flow of user data from front-end clients (e.g., users' servers, tablets, desktops, laptops—anything on the users' ends), through the internet, to the provider's systems, and back.

2.What is public cloud

The public cloud is defined as computing services offered by third-party providers over the public Internet, making them available to anyone who wants to use or purchase them. They may be free or sold on-demand, allowing customers to pay only per usage for the CPU cycles, storage, or bandwidth they consume.

3.What is private cloud

A private cloud is a cloud computing environment dedicated to a single organization. Any cloud infrastructure has underlying compute resources like CPU and storage that you provision on demand through a self-service portal. In a private cloud, all resources are isolated and in the control of one organization.

4.What is Virtual Machine

A virtual machine (VM) is a digital version of a physical computer. Virtual machine software can run programs and operating systems, store data, connect to networks, and do other computing functions, and requires maintenance such as updates and system monitoring.

5. Characteristics of Cloud Computing

- 1. On-demand self-services:** The Cloud computing services does not require any human administrators, user themselves are able to provision, monitor and manage computing resources as needed.
- 2. Broad network access:** The Computing services are generally provided over standard networks and heterogeneous devices.

Part B

- 1.Explain about Cloud Services
- 2.Difference between Iaas, Paas, Saas
- 3.Explain about cloud models
- 4.Difference between cloud computing and Virtualization