**Azure fundamental assignment 1**

1. What is cloud computing? What is Azure?

Cloud is a technology that uses remote servers on the internet to store, manage, and access data online rather than local drives.

Azure is cloud service provider.

1. How to create an Azure account list the steps and requirements?

To create Azure account user need Microsoft a/c if not need to create new and then need to verify mail id after that all personal details need to fill and then payment card details need to put to activate free trial a/c with azure.

1. Describe different types of cloud models.

Deployment model-

Public cloud

Private cloud

Hybrid cloud

Service model-

IaaS

PaaS

SaaS

1. Describe different cloud services.

General –

Management group, resource group, subscription, market place, tags, templets.

Compute-

VM, Kubernetes, VM scale sets

Storage-

Storage account, data lake, data box

Networking-

Virtual n/w , Express route, route table, network security.

1. What are some cloud computing advantages?

High availability

Scalability

Elasticity

Agility

Disaster recovery

Consumption based model

1. Differentiate Capital expenses vs. operating expenses.

Capital expenses-

1.Money spend on physical infra.

2.cost from Capex have a value that reduce overtime.

operating expenses-

1.Money spend on product and services.

2.Get bill immediately.