Cloud Security Essential

## 1. How to configure, develop and maintain Security and Privacy in cloud?

Use encryption, strong access controls, compliance tools, and continuous monitoring to secure data and maintain privacy in cloud systems.

## 2. What is Portability in cloud?

Portability in cloud refers to the ability to move applications and data between different cloud environments with minimal changes.

## 3. What is Reliability and high Availability in cloud?

Reliability ensures consistent performance, while high availability ensures systems remain operational and accessible without interruption.

## 4. Describe Mobility Cloud Computing

Mobility cloud computing enables access to applications and data from anywhere using mobile devices via cloud infrastructure.

## 5. Describe AWS, Azure, Google cloud Platforms

AWS, Azure, and Google Cloud are leading cloud platforms offering compute, storage, database, networking, and AI services.

## 6. Accessing AWS, Azure and Google cloud Platforms (any one portal)

AWS can be accessed via the AWS Management Console at https://console.aws.amazon.com/.

## 7. Create compute, create network, create storage on AWS , Azure and GCP

Use EC2 (compute), VPC (network), and S3 (storage) in AWS; Virtual Machines, VNets, and Blob Storage in Azure; Compute Engine, VPC, and Cloud Storage in GCP.

## 8. Compare Cloud pricing of resources and services on all platform Amazon Web Services (AWS):

AWS generally offers pay-as-you-go pricing. Azure and GCP also offer competitive pricing with discounts for committed usage. Exact pricing depends on region and service type.