**1)A)Cloud types:**

Usually we have three different clouds:

1)Public Cloud:

Public cloud is a cloud computing model which provides services over public network,public network is nothing but internet e.t.c.,

Every one can have access to use and configure these services.

Eg:Drop Box,Google drive,Netflix these are the some of the applications which are using public cloud.

2)Private Cloud:

Private cloud is a cloud computing model which provides services over private network,usually like an organization has its own network like that.

Every one cannot access the private cloud.

Eg:open stack and redhat open shift

3)Hybrid Cloud:

It is the combination of both public and private clouds,for some part it uses public cloud and for some part it uses private cloud

Eg:An organization which has some applications over public and some over private

**B)Cloud computing services**:

Usually we have three types of services:

1)IAAS:

Infrastructure as a service,this service provides infrastructure like servers,storag e.t.c.,

Eg:

2)PAAS:

Platform as a service,this service gives the platform to manage and run your applications

Eg:

3)SAAS:

Software as a service ,this service provides total software like an prepare

application,nothong to bother about infrastructure and all

Eg:

**2)AWS PLATFORM:**

Amazon Web services(AWS) is one of the major vendor which provides cloud computing services like storage,networks,servers,monitoring,managing e.t.c., since 2006

It provide services with more reliability and availability because it has more regions,zones and data

Centers.

It provide services like:

EC2,S3,Lambda,vpc,IAM,RDS,Auto Scaling,Load balancing.

**3)EC2**:

Elastic cloud computing is one of the major service which is provided by aws,

* It provides virtual servers known as instances for rental basis,it provides instances with lot of configurations how we want
* EC2 instances can be launched in multiple geographic regions around the world
* Customers can have options to choose how the instance to be

**4)S3 BUCKET**:

Simple Storage service (s3) is storage based service provided by the aws,

By using s3 service we can store and retrive the any amount of data.

S3 bucket is like a container which we used to store data within s3.

We can also specify acces policeis and all to our s3 bucket.

**5)VPC:**

Virtual Private cloud which is used to create private or isolated network in aws cloud