Assignment - 1

① EC2 = Amazon elastic Compute Cloud is a web service that Provides secure, Resizable Compute Capacity in the cloud.

It is designed to make web scale cloud Computing easier for developers. Amazon EC2 simple web service interface allows You to Configure Capacity with minimum function.

② Elastic Beanstalk = Aws elastic Beanstalk is an easy to use service for deploying and saling web application and Sourees developed with Java, .net, PHP, Node JS, Python, Ruby, Go and docker on familiar service Such as Apache, Nginx, Passenger.

③ IAM = Aws identify & Access Management (IAM) enables You to manage access to Aws Service & Resourees security using IAM.

You can Create & Manage Aws users and groups and use Permission to allow & deny their access to aws Resouree.

④ ELB = Elastic Load balancing is a load balancing service for Amazon web service deployments.
ELB automatically distributes incoming application traffic access multiple targets.

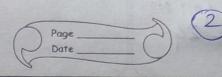⑤ S3 = Amazon Simple Storage Service is an object storage service that offers industry leading scalability, data availability, security & performance.
→ Customers of all size & industry can use it to store & protect any amount of data.

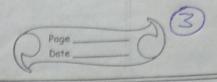⑥ EBS = Amazon Elastic Block Store is an easy to use high performance, block storage service designed for use with Amazon Elastic Compute cloud for both throughput & transaction intensive workloads at any scale.
Ex. Big data analytic deployed on Amazon EBS.

⑦ FSx for Lustre = Amazon FSx for Lustre is a fully managed service that provides cost effective high performance, scalable storage for compute overloads.

It provide multiple deployment options and storage types to optimize cost & performance for your workload requirement.

⑧ Glacier = Amazon S3 Glacier is a secure, durable and extremely low cost amazon S3 term backup with S3 Glacier. Customers can store their data cost effectively for months, years or even decades.

⑨ SageMaker = Amazon SageMaker is a fully managed machine learning service with SageMaker data Scientists & developers can quickly & easily built and train machine learning modules & then directly deploy them into Production ready hosted environment.

⑩ Rekognition = Amazon Rekognition makes it easy to add image & video analysis to your application using Proven highly scalable, deep learning technology that require no machine learning expertise to use with amazon Rekognition.

⑪ SNS = Amazon Simple Notification Service is a fully managed messaging Service for both application to application and application to person Communication.

⑫ SES = Amazon Simple Email Service is a Cost effective flexible & Scalable email Service that enables developers to Send mail from within any application.

→ With SES You can Send email Securly, globally.

⑬ Lambda = Aws Lambda is a Serverless Compute Service that let's You run code without Provisioning or managing Service, creating workload awase Cluster Scaling logic, Maintaining event integration with Lambda.

⑭ RDS = Amazon Relational database Service makes it easy to setup, operate & scale a Relational database in the cloud.

It Provide Cost effective and Resizable Capacity which automatically time Consuming administration tash Such as hardwase.

⑮ Cloud9 = Aws cloud9 is a Cloud based integration development environment. IDE that let's You write, run & debug Your code with Just a browser.

→ It include a code editor, debugger & terminal.

⑯ Cognite = Amazon Cognite let's You add user signup, signin & access Control to Your web & mobile app quickly & easily.

⑰ VPC = Amazon VPC (Virtual Private cloud) is a Service that Let's You Launch Aws Resources into logically isolated n/w.

⑱ Route 53 = Amazon Route 53 is a highly available & Scalable Domain Name System web Service.