**1)Mention what the key components of AWS are?**

**2) What is cloud computing?**

**3) What are the main features of the Amazon EC2 instance?**

**4) List possible storage options for Amazon EC2 instance.**

**5) What security practices should be followed for Amazon EC2 instance?**

**6) What are the components of AWS Databases?**

**7) Explain AWS DevOps tools to build and deploy software in the cloud.**

**8) Explain what S3 is?**

**9) How many buckets can you create in AWS by default?**

**10) Explain can you vertically scale an Amazon instance? How?**

**11) Explain what T2 instances is?**

**12) In VPC with private and public subnets, database servers should ideally be launched into which subnet?**

**13) Mention what the security best practices for Amazon EC2 are?**

**14) Explain how the buffer is used in Amazon web services?**

**15) While connecting to your instance what are the possible connection issues one might face?**

**16) What are key-pairs in AWS?**

**17) What are the different types of instances?**

**18) Is the property of broadcast or multicast supported by Amazon VPC?**

**19) Can you establish a Peering connection to a VPC in a different region?**

**20) Explain Amazon ElasticCache**

**21)What restrictions apply to AWS Lambda function code?**

**22)How do you trace user requests to Rest APIs (API Gateway)?**

**23)What’s the difference between Amazon S3 and EC2?\**

**24) Explain how elasticity differs from scalability**

**25) What are the methods to deploy the latest application package to the servers in the autoscaling group in AWS?**

**26) Name the types of AMI provided by AWS**

**27) Name the AWS service exists only to redundantly cache data and images?**

**28) What is Amazon EMR**

**29) What is boot time taken for the instance stored backed AMI?**

**30) Do you need an internet gateway to use peering connections?**

**31) How to connect EBS volume to multiple instances?**

**32) List different types of cloud services**

**33)Differentiate between Amazon RDS, Redshift, and Dynamo DB.**

**34) What parameters will you consider when choosing the availability zone?**

**35) How is stopping an Amazon EC2 instance different from terminating it?**

**36) What is the alternative to cloud computing?**

**37) How do you monitor an Amazon EC2 Linux instance?**

**38) What is the difference between vertical and horizontal scaling?**

**39) Can you tell us how you solved a problem using AWS?**

**40) What best practices do you follow for good security in Amazon EC2?**