**Tilak Maharashtra Vidyapeeth, Pune**

**BACHELOR OF COMPUTER APPLICATION (BCA-CC & CS)**

**AWS Solutions Architect- Associate Marks:40**

1. What is Cloud Computing? (1 marks)
2. Explain the advantages of cloud computing. (1 marks)
3. Define the deployment of Cloud computing models. (1 marks)
4. Explain the regions and Zones in AWS. (1 marks)
5. Define the object storage and Block storage. (1 marks)
6. Explain the Amazon Simple Storage Service (S3) storage. (1 marks)
7. What are Storage classes? (1 marks)
8. Explain Amazon Glacier. (1 marks)
9. Define the Amazon Elastic Compute Cloud (EC2). (1 marks)
10. Define the Instance Type families in AWS. (1 marks)
11. What is AMI (Amazon Machine Image)? (1 marks)
12. What is Elastic IP? (1 marks)
13. Explain the instance Type? (1 marks)
14. What is Spot instance? (1 marks)
15. Define the tenancy options. (1 marks)
16. List the Exchange Server security guidelines. (1 marks)
17. What is Amazon Elastic Block Store (EBS)? (1 marks)
18. Explain the Types of Amazon EBS volumes. (1 marks)
19. What is Amazon Virtual Private Cloud (Amazon VPC)? (1 marks)
20. What are subnets, route table, Internet Gateway? (1 marks)
21. What is peering? (1 marks)
22. What is Network Access Control Lists (ACLs)? (1 marks)
23. Explain the Virtual Private gateways, Customer Gateways and Virtual Private Networks. (1 marks)
24. Explain Elastic Load Balancing. (1 marks)
25. Define the types of Load Balancers. (1 marks)
26. What is Amazon CloudWatch? (1 marks)
27. Explain Auto Scaling. (1 marks)
28. What is IAM users? (1 marks)
29. Explain Multi-Factor Authentication (MFA). (1 marks)
30. Explain Amazon Relational Database Service (Amazon RDS). (1 marks)
31. What is Amazon Redshit? (1 marks)
32. What is Amazon DynamoDB? (1 marks)
33. Explain Amazon Simple Queue Service (Amazon SQS). (1 marks)
34. Explain Simple Notification Service (Amazon SNS)? (1 marks)
35. What is Amazon Route 53? (1 marks)
36. Explain Amazon ElastiCache. (1 marks)
37. What is Amazon CloudFront? (1 marks)
38. Explain the AWS Directory Service. (1 marks)
39. Explain Serverless computing in AWS. (1 marks)
40. Explain AWS Global Security. (1 marks)