PARUL UNIVERSITY
FACULTY OF ENGINEERING & TECHNOLOGY
B.Tech Mid Semester Exam-WINTER 2025-26

Semester: 5
Subject Code: 303105301
Subject Name: AWS Fundamentals

Date: (26/09/2025)
Time:
Total Marks: 40

Instructions:

- Figures to the right indicate full marks.
- Que:1 is compulsory.
- Draw neat and clean drawings& assume suitable data if necessary.
- BT- Blooms Taxonomy Levels – Remember-1, Understand -2, Apply-3, Analyse-4, Evaluate-5, Create-6

			M	CO	BT
Q.1	(A)	**Five One-line Questions (Each 1 Mark)**	05		
		1. What is the role of AWS Route 53?		1	1
		2. Name any two Compute Services provided by AWS.		2	2
		3. Write full form of RDS in AWS.		1	1
		4. Define Cloud Computing in one sentence.		2	2
		5. Which storage service of AWS is used for hosting a static website?		1	2
	(B)	**Five Fill in the Blanks (Each 1 Mark)**	05		
		1. _____ provides object storage in AWS.		1	2
		2. _____ is a serverless compute service offered by AWS.		2	1
		3. A collection of subnets in AWS networking is called _____.		1	2
		4. Amazon _____ is a fully managed NoSQL database service.		1	1
		5. _____ is used to automatically distribute incoming traffic across multiple targets.		2	2
Q.2		**Attempt any four Questions (Short Questions- Each 03 Marks)**	12		
	1.	Write short notes on Amazon EC2 and its uses		2	1
	2.	Explain the three Cloud Service Models with examples.		2	1
	3.	Differentiate between Amazon S3 and Amazon EBS.		3	2
	4.	Explain the function of Security Groups in VPC.		3	2
	5.	How does CloudFront help in content delivery?		2	2
Q.3		**Attempt any two Questions (Each 04 Marks)**	08		
	1.	Explain how AWS Lambda works with its characteristics.		4	1
	2.	Compare Relational Database Service (RDS) and DynamoDB in AWS.		4	2
	3.	Write steps to build a VPC and launch a web server inside it.		5	1
Q.4	(A)	Explain Cloud Deployment Models with suitable diagrams.	05	4	1
	(B)	Describe Auto Scaling in AWS with its benefits and use cases.	05	4	1
		OR			
	(B)	Write a detailed note on Elastic Beanstalk and how to deploy an application on it.	05	5	2