AMITY SCHOOL OF ENGINERRING & TECHNOLOGY

AMITY INSTITUTE OF TECHNOLOGY

LAB REPORT & ASSIGNMENTS

ACADEMIC YEAR 2022-23

COURSE NAME: CLOUD COMPUTING LAB

COURSE CODE: CSE2711

DEPARTMENT: CSE

FACULTY NAME: DR. DEEPA PARASAR

SUBMITTED BY

STUDENT NAME: MOHAMMAD FARAZ M KHAN

ENROLLMENT NUMBER: A70405219039

CLASS: CSE (B.Tech)

SEMESTER: 7

DATE OF SUBMISSION: 04/01/2023

AMITY SCHOOL OF ENGINERRING & TECHNOLOGY

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CERTIFICATE OF SUBMISSION

Student Name: Mohammad Faraz M Khan

Class: B.Tech (CSE)   Semester: 7

Enrolment Number: A70405219039

This is certified to be the bonafide work of student in "Cloud

Computing Lab" Laboratory during the academic year 2022-23.

<div align="right">

Faculty In-charge
Department of CSE
ASET, AUM

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Department Coordinate   **HOI**
Department of CSE   ASET & AIT, AUM
ASET, AUM

Date: _____   **Stamp**

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(Academic Year 2022-23)

INDEX

Sr. No.	Description	Date	Page No.	Grade
1	Introduction to various cloud service providers and comparison between these service providers.	29/08/2022	4	
2	Install Oracle VM and install Ubuntu LTS 20.04.5. Execute the commands for creation of a directory, adding the files in directory and shell script to display a message.	19/09/2022	9	
3	**a)** Create Admin IAM User and check for permissions & Create 3 groups and assign 6 users to these groups with separate permissions in each group. Check for the inheritance of permissions.	24/09/2022	20	
	b) 1. Set the MFA for Root AWS user. 2. Set the password policy. 3. Configure AWS CLI. (work with different user creation and deletion and group creation and deletion). 4. Create IAM Role. 5. AWS command.	25/09/2022	26	
4	a) Create Bucket, upload text file and image file b) Enable the public access of object c)Create version of text file and image file and check for deletion process. d) Explore S3 storage classes.	10/10/2022	39	
5	EC2 Instances	15/11/2022	63	
6	1. Attach EBS volume to the instance 2. Remove EBS volume from the instance 3. Create a Load balancer 4. Create Auto Scaling of instance	21/11/2022	74	
7	1. Create DynamoDB in AWS. 2. Create RDS using MySQL in AWS. 3. Connect RDS in AWS through SQL workbench and EC2 Instance.	05/12/2022	88	
8	Prepare Case Study report on Cloud Security.	10/12/2022	100	

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