R22 Regulation *Subject code: 4E7HA*

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

(Autonomous, Accredited by NAAC with 'A+' Grade)

B.Tech VII Semester Supplementary Examinations, May 2026

CLOUD COMPUTING

(CSE(DS))

Maximum Marks: 60 Date:05.05.2026 Duration: 3 hours

Note: **1.This question paper contains two parts A and B.**
2. Part A is compulsory which carries 10 marks. Answer all questions in Part A.
3. Part B consists of 5 Units. Answer any one full question from each unit.
4. Each question carries 10 marks and may have a, b, c, d as sub questions.

Part-A

All the following questions carry equal marks (10X1M=10 Marks)		Marks	CO	BTL
1.a)	Define Parallel Computing.	1M	1	1
b)	List out Objectives of Cloud Computing.	1M	1	2
c)	Define Term web Service.	1M	2	1
d)	Give the Basic Operations of VM.	1M	2	3
e)	Explain Briefly about S3.	1M	3	2
f)	State any two service provider of SaaS	1M	3	4
g)	Define Security Governance.	1M	4	1
h)	List out the Various VM Threat Levels.	1M	4	2
i)	State the basic types of federation.	1M	5	3
j)	List out the Advantages of Hadoop.	1M	5	1

Part-B

Answer All the following questions. (5X10M=50Marks)		Marks	CO	BTL
2	Explain Evaluation of Cloud Computing.	10M	1	2
	OR			
3	A. List out and explain any five Cloud Characteristics.	5M	1	1
	B. Explain about Elasticity in Cloud.	5M	1	2
4	Explain implementation levels of virtualization in details.	10M	2	2
	OR			
5	A. Write short notes on virtual clusters.	5M	2	3
	B. Explain Publish Subscribe Model.	5M	2	2
6	Explain the cloud architecture with suitable block diagram.	10M	3	2
	OR			
7	Explain the provisioning of storage resources in detail.	10M	3	2
8	Discuss about the Security challenges in cloud computing in detail.	10M	4	3
	OR			

9	Explain the following (i) Security governance (ii) Application security.	10M	4	2
10	Give a detailed note on Hadoop framework.	10M	5	4
	OR			
11	Discuss MAPREDUCE with suitable diagram.	10M	5	3