R20 Regulation *Subject code: 3E6HD*

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

B.Tech VI Semester Supplementary Examinations, April 2026

CLOUD COMPUTING

(CSE(DS))

Maximum Marks: 70 Date: 21.04.2026 Duration: 3 hours

Note: **1.This question paper contains two parts A and B.**
2. Part A is compulsory which carries 20 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 (10X2M=20 Marks)		Marks	CO	BTL
1	Differentiate between parallel and distributed computing Paradigms.	2M	1	L1
2	Define Virtual Machines.	2M	1	L1
3	List the features of a Cloud..	2M	2	L1
4	Write about Public Cloud and Infrastructure Services.	2M	2	L1
5	Draw the Virtual Machine life cycle.	2M	3	L1
6	What are the benefits and obstacles for Cloud Mashups?	2M	3	L1
7	List the applications of cloud..	2M	4	L1
8	Write a short note on SLA Management.	2M	4	L1
9	Write a short note on the current state of the Data Security in the Cloud.	2M	5	L1
10	What are the basic concepts of Organizational Readiness?	2M	5	L1

Part-B

Answer All the following questions. (5X10M=50Marks)		Marks	CO	BTL
11	With respect to cloud computing, list and explain the distribution system models.	10M	1	L2
	OR			
12	Explain the seven steps model of migration into a cloud.	10M	1	L2
13	a) What are the Broad Approaches to Migrate into the Cloud? b) Explain the Evolution of SaaS.	5M 5M	2	L2
	OR			
14	a) Explain the Features of Cloud Infrastructure Management. b) Write a short note on Porter`s five forces market model.	5M 5M	2	L2
15	Explain about work flow engines for cloud computing.	10M	3	L2
	OR			
16	How cloud provides Infrastructure as a service (IAAS)? Explain.	10M	3	L2
17	Explain about best practices in architecting cloud applications in AWS cloud.	10M	4	L2
	OR			
18	Explain the architecture for federated cloud computing environment.	10M	4	L2

19	a) Explain the pros and cons of content level security. b) Explain the Change Management Maturity Model CMMM).	5M 5M	5	L2
	OR			
20	a) Explain the legal issues in cloud computing. b) Explain the Cloud service lifecycle.	5M 5M	5	L2