



R20 Regulation **Subject code:3E6HD**
TKR COLLEGE OF ENGINEERING AND TECHNOLOGY
(Autonomous, Accredited by NAAC with 'A+' Grade)

B.Tech VI Semester Supplementary Examinations, December 2024

Cloud Computing
(CSE (DS))

Maximum Marks: 70

Date:04.01.2025

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 which carries 10M.
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)		CO	Bloom Tx
1	Differentiate between parallel and distributed computing Paradigms.	1	L1
2	Define Virtual Machines and with neat diagrams	1	L1
3	Write a short note on desired features of a Cloud..	2	L1
4	Write a short note on 'integration as a Service' in cloud?	2	L1
5	Write the seven step model of migration into a cloud?	3	L1
6	Write about Software as a service (SAAS) in cloud.	3	L1
7	What are the business benefits of cloud computing?	4	L1
8	Write about Virtual administration in cloud.	4	L1
9	Define data Interoperability in cloud.	5	L1
10	Write about software Vulnerability.	5	L1

Part-B

Answer All the following questions. (5X10M=50Marks)		CO	Bloom Tx
11	With respect to cloud computing, list and explain the distribution system models. [10M]	1	L2
OR			
12	A) How Transparency in Programming Environments separates in Cloud Computing? [5M] B) Discuss the Feature Comparison of Three Distributed Operating Systems. [5M]	1	L2
13	Explain about paradigm used for cloud era. [10M]	2	L2
OR			
14	Discuss the factors influenced to migration into cloud. [10M]	2	L2
15	Describe the features, challenges and risks in cloud computing. [10M]	3	L2
OR			
16	Explain the implementation of hybrid cloud. [10M]	3	L2

17	A) Explain a model for federal cloud computing. [5M] B) Explain the best practices to build an application on cloud. [5M]	4	L2
	OR		
18	A) Describe the model for federated cloud computing. [5M] B) Elucidate SLA management in cloud. [5M]	4	L2
19	A) Explain the pros and cons of content level security. [5M] B) Explain the Change Management Maturity Model CMMM). [5M]	5	L2
	OR		
20	A) Explain the legal issues in cloud computing. [5M] B) Explain the Cloud service lifecycle. [5M]	5	L2