



R20 Regulation

Subject code: 3E6HD

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

B.Tech VI Semester Supplementary Examinations, February 2024

CLOUD COMPUTING

(CSE(DS))

Maximum Marks: 70

Date: 22.02.2024 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	What are the challenges and Risks available in cloud computing.		CO1	L1
2	What is meant by Scale-Up scale-Down?		CO1	L1
3	Differentiate cloud provider from cloud broker.		CO2	L2
4	Define cloud storage. List the advantages of using the cloud storage.		CO2	L1
5	What is mean by Virtualization?		CO3	L1
6	Compare: Public. Private and Hybrid clouds.		CO3	L2
7	Define SQS and SNS services of AWS cloud.		CO4	L1
8	Write a note on Federated services.		CO4	L1
9	How to assess organizational readiness for change?		CO5	L1
10	What are the laws governing cloud computing in India?		CO5	L1

Part-B

Answer All the following questions.		(5X10M=50Marks)		
11	What is cloud migration? Illustrate the seven Strategic Steps for Successful Cloud Migration and the common challenges it encounters. 10M		CO1	L2
OR				
12	Demonstrate stage-by-stage evolution of cloud with neat sketch and its Characteristics. 10M		CO1	L2
13	Under what circumstances should you prefer to use PaaS over IaaS? Explain it with an example. 10M		CO2	L2
OR				
14	What is B2B integration? Demonstrate How B2B Integration impacts Businesses. 10M		CO2	L2
15	Explain in detail about virtual machine provisioning and migration Service. 10M		CO3	L2
OR				
16	Illustrate Aneka framework architecture and three types of services hosted in the Aneka container with a neat diagram. 10M		CO3	L2
17	Explain the architecture of Federated cloud in detail. 10M		CO4	L2

	OR		
18	Outline the key Pillars of the AWS Well-Architected Framework in detail. 10M	CO4	L2
19	Summarize the Key Factors to Achieve Data Security in Cloud Computing. 10M	CO5	L2
	OR		
20	Assume you are the Chief Information Officer of a Company, Explain How Cloud Computing is changing the CIO's Role? 10M	CO5	L4