



R20 Regulation

Subject code: 3E6HD

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

B.Tech VI Semester Regular Examinations, June/July 2023

CLOUD COMPUTING

(CSE(DS))

Maximum Marks: 70

Date:30.06.2023 Duration: 3 hours

Part-A

All the following questions carry equal marks

(10x2M=20 Marks)

- 1 What are the types of Cloud service development?
- 2 List out the advantages and disadvantages of Cloud Computing.
- 3 Compare service aggregation and service arbitrage
- 4 What is B2B service delivery?
- 5 What is mean by Virtualization?
- 6 Compare: Public. Private and Hybrid clouds.
- 7 Define SQS and SNS services of AWS cloud.
- 8 Write a note on Federated services.
- 9 How to assess organizational readiness for change?
- 10 What are the laws governing cloud computing in India?

Part-B

Answer All the following questions.

(10MX 5=50Marks)

- 11 What is Cloud Infrastructure Management? Explain the four basic cloud infrastructure models in details. [10]

OR

- 12 Illustrate the different layers that define Cloud Architecture in detail. [10]
- 13 What is the SaaS integration enigma? Explain the challenges faced by SaaS paradigm in Cloud Computing. [10]

OR

- 14 Explain in detail about the key business drivers that compel businesses to migrate to the cloud. [10]

- 15 Explain in detail about virtual machine provisioning and migration Service. [10]

OR

- 16 Illustrate Aneka framework architecture and three types of services hosted in the Aneka container with a neat diagram. [10]

- 17 Explain the architecture of Federated cloud in detail. [10]

OR

- 18 Outline the key Pillars of the AWS Well-Architected Framework in detail. [10]

- 19 Summarize the Key Factors to Achieve Data Security in Cloud Computing. [10]

OR

- 20 Assume you are the Chief Information Officer of a Company, Explain How Cloud Computing is changing the CIO's Role? [10]