

GUJARAT TECHNOLOGICAL UNIVERSITY
Bachelor of Vocation - SEMESTER - VI EXAMINATION - SUMMER 2025

Subject Code: 1160504

Date: 16-05-2025

Subject Cloud Computing

Name:

Time:10:30 AM TO 12:30 PM

Total Marks: 50

Instructions

- 1. Attempt all questions.**
- 2. Make Suitable assumptions wherever necessary.**
- 3. Figures to the right indicate full marks.**
- 4. Use of simple calculators and non-programmable scientific calculators are permitted.**

Q.1 (a) Explain cloud computing architecture. 05

(b) What are the Components of Cloud Computing 05

Q.2 (a) Explain Distributed System. 05

(b) History and evolution of cloud computing. 05

OR

(b) What are the Obstacles of Cloud technology ? 05

Q.3 (a) Why to migrating the cloud computing? 05

(b) Migrating Failure and Continuously Measures cloud computing. 05

OR

(a) Explain Infrastructure as a Service. 05

(b) What are the key aspects of integration in cloud computing? 05

Q.4 (a) What is utility computing in cloud computing ? 05

(b) What is Clustering in cloud computing? 05

OR

(a) Explain Grid Computing. 05

(b) Explain CPU Virtualization. 05

Q.5 (a) Explain OS virtualization. 05

(b) What are the Characteristics of Virtualization? 05

OR

(a) What are the characteristics of cloud computing? 05

(b) Explain public cloud computing. 05
