

GUJARAT TECHNOLOGICAL UNIVERSITY
ME – SEMESTER – III (New) • EXAMINATION – WINTER - 2020

Subject Code: 3730208**Date:02/01/2021****Subject Name: Cloud Computing****Time: 10:30 AM TO 12:30 PM****Total Marks: 56****Instructions:**

1. Attempt any FOUR questions out of EIGHT questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1** (a) Cloud computing has as its antecedents both client/server computing and peer-to-peer distributed computing. Explain **07**
(b) Why is a virtualization platform needed in implementing cloud? **07**
- Q.2** (a) Discuss different methods of resource provisioning and platform deployment in detail with a neat diagram. **07**
(b) Explain List the Pros and Cons of cloud computing. **07**
- Q.3** (a) List out Novel applications of cloud computing. Explain any one of them. **07**
(b) Explain cloud application Architecture **07**
- Q.4** (a) How are hybrid clouds implemented? **07**
(b) Explain the various design challenges for effective cloud computing environment. **07**
- Q.5** (a) Explain Security-as-a-Cloud **07**
(b) Explain functionalities of Identity and Access Management (IAM) **07**
- Q.6** (a) What are security and compliance requirements in a public cloud? **07**
(b) Explain IaaS, PaaS, and SaaS in details. **07**
- Q.7** (a) Write down International Laws and Regulations in brief. **07**
(b) Compare the services offered by Azure,AWS,GOOGLE **07**
- Q.8** (a) Explain phishing attack on cloud. **07**
(b) Explain attribute based encryption algorithm for cloud. **07**
