

GUJARAT TECHNOLOGICAL UNIVERSITY**ME – SEMESTER – III (New)– EXAMINATION – WINTER-2019****Subject Code: 3730208****Date: 16-11-2019****Subject Name: Cloud Computing****Time: 02:30 PM TO 05:00 PM****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1** (a) Define Cloud Computing. Mention advantages of it. **07**
(b) List and explain various types of Cloud. **07**
- Q.2** (a) What is virtualization? Explain its importance in Cloud Computing. **07**
(b) Explain SPI Framework for Cloud Computing in detail. **07**
- OR**
- (b) Briefly discuss deployment models of cloud along with their advantages and disadvantages. **07**
- Q.3** (a) Discuss Infrastructure security in cloud computing in detail. **07**
(b) Explain IAM Standards and protocols for Cloud Services in detail. **07**
- OR**
- Q.3** (a) Give differences between IaaS and SaaS. **07**
(b) Write a short note on PaaS Application frameworks. Give example of any PaaS framework. **07**
- Q.4** (a) What are the Key Privacy Concerns in the cloud? How to protect privacy? **07**
(b) Explain Security Management in Cloud in detail. **07**
- OR**
- Q.4** (a) Discuss Novel Applications of Cloud Computing in detail. **07**
(b) Discuss Governance, Risk and Compliance in detail. **07**
- Q.5** (a) Why security in cloud is more challenging? Write about data security in cloud. **07**
(b) Discuss Cloud Authorization Management in detail. **07**
- OR**
- Q.5** (a) Explain Hybrid Cloud Management. **07**
(b) Explain Development and Deployment in Hybrid Cloud. **07**
