## Paper / Subject Code: 42475 / CLOUD COMPUTING AND SECURITY (DLOC - III)

[Marks:80]

30-Dec-2023 10:30 am - 01:30 pm 1T01037 - B.E.(Electronics and Telecommunication )(SEM-VII) (Choice Base Credit Grading System ) (R- 19) (C Scheme) / 42475 - CLOUD COMPUTING AND SECURITY (DLOC - III) 10038765

**N.B.**: (1) Question No 1 is Compulsory. (2) Attempt any three questions out of the remaining five. (3) All questions carry equal marks. (4) Assume suitable data, if required, and state it clearly. 1 Attempt any FOUR What are the benefits of using cloud for transporting industry? Explain pros and cons of using relational and nonrelational databases in cloud b Explain cloud firewall. Differentiate between SAAS, PAAS and IAAS. d Explain the benefits of virtualization. [10] Explain cloud storage gateways in details. Explain fog and edge computing with necessary diagrams. [10] Explain authentication and authorization management for clouds. [10] Explain database services in cloud with example from any one cloud service provider. [10] Explain analytics services in cloud with example from any one cloud service provider. [10] Explain cloud computing application in healthcare services. [10] Explain the virtualization at operating system(OS) level with necessary diagrams. [10] Explain model view controller with necessary diagrams [10] Compare [10] Cloud computing versus peer to peer architecture. Cloud computing versus client-server architecture. Explain content delivery services in cloud with example from any one cloud service [10] provider.

**Time: 3Hours**