Reg. No.										

MANIPAL INSTITUTE OF TECHNOLOGY
MANIPAL
(A constituent unit of MAHE, Manipal)

VII SEMESTER B.TECH. (COMPUTER SCIENCE AND ENGINEERING)

END SEMESTER EXAMINATIONS, DEC 2021

SUBJECT: COMPUTER ARCHITECTURE [CSE 4063]

REVISED CREDIT SYSTEM
(20/12/2021)

Time: 75 Minutes   MAX. MARKS: 20

Instructions to Candidates:

❖ Answer **ALL** the questions.
❖ Missing data may be suitable assumed.

1.	What are the different phases involved in the SLA (Service Level Agreement) management of application that are hosted in cloud platform?	5M
2.	Name the two main groups of attackers in cloud computing? How attackers are categorized, based on the ability to instigate a successful attack, rather than on the type of threat they present in the cloud environment?	3M
3.	What is admission control mechanism? How request and session based algorithms play an important role in guaranteeing QoS?	2M
4.	Discuss the 4 architectural principles of RESTful web services. Illustrate the working of RESTful Web Service in Amazon S3 Interface .	5M
5.	With neat diagrams and real world examples compare Community cloud and Hybrid cloud deployment models.	3M
6.	What do you mean by virtualization? How is it related to Cloud Computing?	2M