

GR. No.	
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DECEMBER 2021 - ENDSEM EXAM
FINAL YEAR B.TECH (COMP/IT/E&TC/MECH) (SEMESTER - I)
COURSE NAME: OPEN ELECTIVE-II (CLOUD COMPUTING)
COURSE CODE: IOEUA40183D
(PATTERN 2018)

Time: [1 Hour]

[Max. Marks: 30]

Instructions to candidates:

- 1) Answer Q.1 OR Q.2, Q.3 OR Q.4, Q.5 OR Q.6.
- 2) Figures to the right indicate full marks.
- 3) Use of scientific calculator is allowed
- 4) Use suitable data where ever required

- Q.1) a) List down the steps to create a snapshot [4]
b) Conclude the working of Elastic Load Balancing [6]

OR

- Q.2) a) Identify the benefits of Elastic Load balancer [4]
b) List down the steps to configure CloudFront to deliver your contents [6]

- Q.3) a) Determine the use of ubiquitous computing in foodstuff management [4]
b) Discover different challenges you find in ubiquitous computing [6]

OR

- Q.4) a) Interpret the role of RFID in an Internet of Things application [4]
b) Design the smart building with the help of IoT [6]

- Q.5) a) Compare Desktop, Application, Server, Storage and Network virtualization [4]
b) Distinguish and elaborate all the components from architecture of Kubernetes [6]

OR

- Q.6) a) Compare containers Vs. VMs. What will happen if both are used together for deployment of an applications? [4]
b) Identify and elaborate the phases of Docker container life cycle [6]