



B.Tech - Even Sem : End Semester Exam  
 Academic Year:2021-2022

**19CS3250A - CLOUD COMPUTING FOR IOT ENGINEERS**  
 Set No: 4

Time:		Max.Marks: 100					
S.NO	Answer All Questions	Choice	Options	Marks	CO	CO BTL	COI BTL
1.	Classify the challenges in IOT? and define the the NIST and Buyya's definitions of cloud computing?	choice Q-2		10Marks	CO1	2	2
2.	Describe cloud storage and cloud storage system? and Analyze the stage 1 components of IOT Architectural stack?			10Marks	CO1	2	2
3.	Describe EBS in AWS and mention two use cases of EBS? and defend the statement " scalability and interoperability limits the IOT usage"?	choice Q-4		15Marks	CO1	2	2
4.	Interpret the business and technical benefits of cloud computing? Explain Pros and cons of Cloud computing?			15Marks	CO1	2	2
5.	Categorize the terminologies in the process of virtualization? and List the different hardware components used in IOT environment?	choice Q-6		10Marks	CO2	4	3
6.	List the cloud migration policies? and Compare data processing module and communication module ?			10Marks	CO2	4	3
7.	Illustrate the different cloud storage facilities in cloud computing?	choice Q-8		15Marks	CO2	4	3
8.	Compare CPU virtualization and Desktop virtualization with diagrams?			15Marks	CO2	4	3
9.	Classify CoAP functioning? and Evaluate the benefits of AWS?	choice Q-10		10Marks	CO3	4	4
10.	Analyze the architecture of message queuing telemetry transport protocol?			10Marks	CO3	4	4
11.	Classify the steps involved in Importing data into Amazon S3 with Snowball and Exporting data from Amazon S3 with Snowball?	choice Q-12		15Marks	CO3	4	4
12.	Examine the MQTT architecture with figure?			15Marks	CO3	4	4
13.	Outline the ways that IOT can shape agriculture? and Express the different types of load balancers?	choice Q-14		10Marks	CO4	4	2
14.	Determine which architecture is used to serve multiple organizations? And explain with figure?			10Marks	CO4	4	2
15.	Explain different open source software as a service solutions?	choice Q-16		15Marks	CO4	4	2
16.	Classify IOT applications in water management?			15Marks	CO4	4	2

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