



PAPER ID-410198

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Subject Code: KOE081

Roll No:

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BTECH
(SEM VIII) THEORY EXAMINATION 2023-24
CLOUD COMPUTING

TIME: 3 HRS**M.MARKS: 100**

Note: 1. Attempt all Sections. If require any missing data; then choose suitably.

SECTION A**1. Attempt all questions in brief.****2 x 10 = 20**

Q no.	Question	Marks	CO
a.	Define Cloud Computing.	02	1
b.	What is Open Nebula?	02	1
c.	Give a few examples of Cloud Services	02	2
d.	What is Database as a Service?	02	2
e.	Define Groupware.	02	3
f.	What is CRM Management?	02	3
g.	What is Hypervisor?	02	4
h.	Define interpretation.	02	4
i.	Why cloud needs Security?	02	5
j.	List the most common messaging standards used in the cloud.	02	5

SECTION B**2. Attempt any three of the following:****3 x 10 = 30**

a.	Describe in detail about the types of cloud and services provided by the cloud.	10	1
b.	Explain: a) Monitoring as a Service b) Communication as a Service	10	2
c.	How CRM Management done on Cloud?	10	3
d.	What is virtualization and define the types of Virtualizations?	10	4
e.	Describe in detail about any two of the following: a) Hadoop b) MapReduce c) VirtualBox	10	5

SECTION C**3. Attempt any one part of the following:****1 x 10 = 10**

a.	Draw the cloud architecture and explain each type of component in the cloud computing architecture and the various types of cloud.	10	1
b.	How Cloud is Evolved and brief about history of Cloud?	10	1

4. Attempt any one part of the following:**1 x 10 = 10**

a.	Explain: a. Software as a Service b. Platform as a Service c. Infrastructure as a Service	10	2
b.	There are various market player of cloud computing like amazon, Google, Microsoft and IBM. List the various products of these companies for each service of cloud computing.	10	2



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TIME: 3 HRS**M.MARKS: 100****5. Attempt any *one* part of the following:****1 x 10 = 10**

a.	What are Emails? How email communication happens using cloud?	10	3
b.	How presentations, Spreadsheets, word processing can use cloud services?	10	3

6. Attempt any *one* part of the following:**1 x 10 = 10**

a.	Define Xen, KVM, VMware, Virtual Box, Hyper-V.	10	4
b.	Explain virtualization and all its types in detail with proper examples.	10	4

7. Attempt any *one* part of the following:**1 x 10 = 10**

a.	Explain common standards used in cloud with respect to messaging, security application Developer.	10	5
b.	Describe SaaS security and discuss the importance of SaaS Security. Discuss the elements which makes SaaS applications risky.	10	5