Subject Code: KMBNIT04

PAPER ID-410890

Roll No: | | | | | | | | | | | | | |

MBA

(SEM IV) THEORY EXAMINATION 2023-24

CLOUD COMPUTING FOR BUSINESS

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 with its characteristics.	02	1
b.	Differentiate between grid computing and cluster computing	02	1
c.	Illustrate Web 2.0	02	2
d.	List out the characteristics of STaaS.	02	2
e.	Differentiate between Public & Hybrid Cloud.	02	3
f.	Write down the members involved in reference architecture of Cloud computing.	02	3
g.	Define Hadoop and Mashups.	02	4
h.	List down the security issues in cloud	02	4
i.	Describe the objective of virtualization.	02	5
j.	Define PGP and MIME in cloud computing storage.	02	5

SECTION B

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

a.	Discuss evolution of cloud computing in brief with a neat diagram.	10	1
b.	Describe in detail about major Deployment Models and services for cloud computing.	10	2
c.	Give the diagram of NIST cloud architecture with explanation in detail.	10	3
d.	Illustrate in brief:- i) Demand-driven resource provisioning ii) Event- driven resource provisioning	10	4
e.	Illustrate Virtual Machine Monitor and properties of VMM.	10	5

SECTION C

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

a.	Discuss cloud computing with special reference to Business Perspective as well as IT Perspective.	10	1
b.	Discuss the challenges faced by companies while adopting cloud technology instead of On-Premise working.	10	1

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

a.	Describe various service requirements of cloud in association with cloud dynamic environment.	10	2
b.	Explore the benefits of collaborating on calendars, schedules and task management.	10	2

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

a.	Differentiate between IaaS-PaaS-SaaS-DaaS.	10	3
b.	Draw the neat diagram of cloud architecture and also discuss each type of component involved.	10	3

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

a.	There are various market player of cloud computing like amazon, Google and Microsoft. Discuss the various products of these companies for each services of cloud computing.	10	4
b.	In reference tc cloud computing, express your views about following statement. "The cloud act as a Big Black Box, nothing inside the cloud is visible to the clients".	10	4

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

a.	Discuss standards available for web developers in reference to mitigate the security challenges in cloud computing.	10	5
b.	Examine the benefits & challenges of virtualization in detail.	10	5

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