HILLIBETHER	Printed Page: 1 of 2
PAPER IN	Subject Code: MTCS013
PAPER ID.	311952 Roll No:
	MTECH
	(SEM I) THEORY EXAMINATION 2024-25
	CI OT D COMPUTING
TIME: 3 HRS	M.MARKS: 70
Note: I. Allem	pt all Sections. If require any missing data, then choose suitably.
· 1. Attemy	SECTION A stall questions in brief.
a	List any three business drivers for adopting cloud convert
b.	The months advantages and two disadvantages of Claud C
c.	What is the Cloud Computing Stacks
d.	What are Web Services, and how do they support Cloud Co.
e.	what is virtualization in Cloud Computance?
f.	What is the difference between fixed and pay or your live
g.	How does data location affect compliance and security?
2. Atten	npt any three of the following:
e a	Compare and control Grid Computing Cluster Computing
b.	Computing Classify the Advanced Computing, and Cloud
	Classify the taxonomy of virtualization Explain hardware virtualization
· • \c.	Hustrate the vocess of virtual machine provisioning and management in aq LaaS environment.
้น	laaS environment. Provisioning and management in an
/	Compare and contrast traditional scaling methods with cloud-based scaling approaches
o e.	Explain how fuewalls and introcent date.
<u>_</u>	security in the cloud
· Š	
	SECTION C
3. Atten	ipt any one part of the following:
e a.	What are the different cloud deployment models and beautiful.
, р	Discuss the recent trends in computing and their
	infrastructure impact on modern IT
4. Attem	ant any one part of the part o
€ a.	Draw and explain the architecture of Cloud Computing.
b.	Explain how Web Services and Computing.
· à	Explain how Web Services support Cloud Computing. Provide examples of widely used Web Services.
5. Attem	toll.
a. Attem	the part of the following: $7 \times 1 = 7$
b.	mustrate NIST Cloud computing reference architecture in datails
0	Discuss the impact of SaaS on businesses and IT management.
6. Atten	apt any <i>one</i> part of the following: $7 \times 1 = 7$
_ a.	Analyze and comment on "Cloud computing below to
~ <u></u>	applications and to cut down capital expenses"
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PAPERI	D-311952 Roll No:	
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	(SEM I) THEORY EXAMINATION 2024-25	
TIME, 2 HDC	CLOUD COMPUTING	
TIME: 3 HRS	M.MARKS: 70 Discuss an SLA from a cloud provider and explain how it impacts service	
, i	quality.	
7. Atten	npt any <i>one</i> part of the following: $7 \times 1 = 7$	
a.	It is said, 'cloud computing can save money' What is your view? Can you	
	name some open source cloud computing platform databases? Explain any one database in detail.	
b .	Discuss the Infrastructure-as-a-Service, Platform as a service and Software as	
	a service	
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