Printed	Page:-04	Subject Code:- AMCA0402 Roll. No:					
		RING AND TECHNOLOGY, GREATER NOIDA					
	(An Autonomous Institute Affiliated to AKTU, Lucknow) MCA						
	SEM: IV - THEORY EXAMINATION (2023 - 2024)						
Subject: Cloud Computing							
Time: 3	3 Hours	Max. Marks: 100					
General	l Instructions:						
		ion paper with the correct course, code, branch etc.					
		e Sections -A, B, & C. It consists of Multiple Choice					
	ns (MCQ's) & Subjective type question						
	num marks for each question are inc ate your answers with neat sketches	dicated on right -hand side of each question.					
	ne suitable data if necessary.	wherever necessary.					
	rably, write the answers in sequentia	l order.					
-	•	written material after a blank sheet will not be					
evaluate	d/checked.						
	SE	CTION A 20					
1. Atten	SE npt all parts:-	ECTION A 20					
	mpt all parts:- Cloud computing refers to which	of the following?(CO1)					
	mpt all parts:- Cloud computing refers to which						
	npt all parts:- Cloud computing refers to which (a) Application and service resource	of the following?(CO1)					
	npt all parts:- Cloud computing refers to which (a) Application and service resource (b) Application that runs o	of the following?(CO1) 1 es that run on a distributed network using virtualized					
	npt all parts:- Cloud computing refers to which (a) Application and service resource (b) Application that runs o	n of the following?(CO1) es that run on a distributed network using virtualized n a distributed network using virtualized resource					
	npt all parts:- Cloud computing refers to which (a) Application and service resource (b) Application that runs o (c) Services that run on a context.	of the following?(CO1) es that run on a distributed network using virtualized in a distributed network using virtualized resource distributed network using virtualized resource					
1-a.	npt all parts:- Cloud computing refers to which (a) Application and service resource (b) Application that runs o (c) Services that run on a c (d) Option b alone The back end is used by the?(CO	of the following?(CO1) es that run on a distributed network using virtualized in a distributed network using virtualized resource distributed network using virtualized resource					
1-a.	npt all parts:- Cloud computing refers to which (a) Application and service resource (b) Application that runs of (c) Services that run on a condition to the condition of th	of the following?(CO1) es that run on a distributed network using virtualized in a distributed network using virtualized resource distributed network using virtualized resource					
1-a.	cloud computing refers to which (a) Application and service resource (b) Application that runs of (c) Services that run on a condition of the back end is used by the?(CO) (a) Client (b) User	of the following?(CO1) es that run on a distributed network using virtualized in a distributed network using virtualized resource distributed network using virtualized resource					
1-a.	cloud computing refers to which (a) Application and service resource (b) Application that runs of (c) Services that run on a condition of the back end is used by the?(COndition) (a) Client (b) User (c) service provider	of the following?(CO1) es that run on a distributed network using virtualized in a distributed network using virtualized resource distributed network using virtualized resource					
1-a. 1-b.	cloud computing refers to which (a) Application and service resource (b) Application that runs of (c) Services that run on a condition of the back end is used by the?(COndition) (a) Client (b) User (c) service provider (d) Stackholders	of the following?(CO1) It is that run on a distributed network using virtualized in a distributed network using virtualized resource distributed network using virtualized resource 1)					
1-a.	Cloud computing refers to which (a) Application and service resource (b) Application that runs of (c) Services that run on a condition of the back end is used by the?(COndition) (a) Client (b) User (c) service provider (d) Stackholders is not a type of cloud services.	of the following?(CO1) It is that run on a distributed network using virtualized in a distributed network using virtualized resource distributed network using virtualized resource 1)					
1-a. 1-b.	cloud computing refers to which (a) Application and service resource (b) Application that runs of (c) Services that run on a condition of the back end is used by the?(COndition) (a) Client (b) User (c) service provider (d) Stackholders	of the following?(CO1) It is that run on a distributed network using virtualized in a distributed network using virtualized resource distributed network using virtualized resource 1)					

	(c) ZaaS		
	(d) DBaaS		
1-d.	The term "SAAS" stands for(CO2)	1	
	(a) Platform as a Service		
	(b) Software as a Service		
	(c) Hardware as a Service		
	(d) Infrastructure as a Service		
1-e.	is not a player in cloud computing platform.(CO3)	1	
	(a) Eucalyptus		
	(b) HLL		
	(c) Nimbus		
	(d) Cloud Sim		
1-f.	One of the following is Cloud Platform by Amazon.(CO3)	1	
	(a) Azure		
	(b) AWS		
	(c) Cloudera		
	(d) All of the mentioned		
1-g.	is a good example of an SMS service organized into a social network	1	
	and blog.(CO4)		
	(a) Twitter		
	(b) Facebook		
	(c) Instagram		
	(d) None of the mentioned		
1-h.	A successful CRM increases production and profit throughout the(CO4)	1	
	(a) System life cycle		
	(b) Business life cycle		
	(c) Customer life cycle		
	(d) Organization life cycle		
1-i.	is not a benefit of virtualization.(CO5)	1	
	(a) Flexible and efficient allocation of resources		
	(b) Lowers the cost of IT infrastructure		
	(c) Remote access and rapid scalability		

	(d) Run on single operating system			
1-j.	Creating more logical IT resources, within one physical system is called(CO5)	1		
	(a) Load balancing			
	(b) Hypervisor			
	(c) Virtualization			
	(d) None of these			
2. Atten	npt all parts:-			
2.a.	Explain the importance of cloud computing.(CO1)	2		
2.b.	List out the benefits of Private cloud.(CO2)	2		
2.c.	Discuss cloud service provider with an example.(CO3)	2		
2.d.	Explain objective of cloud collaboration.(CO4)	2		
2.e.	List out the importance of virtualization.(CO5)	2		
	SECTION B	30		
3. Answ	er any <u>five</u> of the following:-			
3-a.	Differentiate between distributed computing and grid computing.(CO1)	6		
3-b.	Explain cloud and cloud architecture with diagram.(CO1)	6		
3-c.	Discuss the advantages of IaaS over SaaS.(CO2)	6		
3-d.	Differentiate between Hybrid and Community cloud with an example.(CO2)			
3.e.	Discuss different services offered by Microsoft.(CO3)	6		
3.f.	Explain Google Calendar in cloud computing.(CO4)	6		
3.g.	Discuss the four major virtualization areas in cloud computing.(CO5)	6		
	SECTION C	50		
4. Answ	er any <u>one</u> of the following:-			
4-a.	Mention how the cloud computing influence business and governance.(CO1)	10		
4-b.	Traditional data center is different from a cloud data center.Explain in	10		
	detail.(CO1)			
5. Answ	er any <u>one</u> of the following:-			
5-a.	Describe different Cloud deployment models with diagrams.(CO2)	10		
5-b.	Briefly explain each of the cloud computing services. Identify two cloud	10		
	providers by company name in each service category.(CO2)			
6. Answer any <u>one</u> of the following:-				

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6-a.	Write short notes on following:(CO3)	10
	(a) Eucalyptus	
	(b) Open Nebula	
	(c) Cloud Sim	
6-b.	Explain services provided by Microsoft and Amazon in detail.(CO3)	10
7. Answe	er any <u>one</u> of the following:-	
7-a.	List out the benefits of using calendars and schedules over cloud services.(CO4)	10
7-b.	Discuss the reason why Salesforce CRM application is the leading CRM	10
	platform?(CO4)	
8. Answe	er any <u>one</u> of the following:-	
8-a.	Write short notes on following:(CO5)	10
	(a) KVM	
	(b) VMware	
	(c) Hyper-V.	
8-b.	Write short notes on following:(CO5)	10
	(a) Virtualization	
	(b) Hypervisor	
	(c) VM supervisor	