



BRAINWARE UNIVERSITY

Term End Examination 2022 Programme - MCA-2020/MCA-2021 Course Name - Cloud Computing Course Code - MCA304B (Semester III)

Full Marks: 60 Time: 2:30 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

x 15=15

1.	Choose the correct alternative from the following	**		
	Choose the concertancing are from the following	•		
(i)	Justify of the following impose additional overhead on clients and offer faster transfer			
(ii)	a) Block Storage c) File Server Write of the following storage is presented to a u	b) File Storage d) all of the mentioned user as if it is a ready-to-use disk drive		
	a) Managed c) unavilable Which of the following is essential concept relate	b) unmanaged d) none of the mention		
(iv)	a) Reliability c) Abstraction Which of the following cloud concept is related to	b) productivity d) all of the mentioned o pooling and sharing of resources		
(v)	a) Polymorphism c) Virtualization Which of the following can be identified as cloud	b) Abstraction d) None of the mentioned		
	a) web application c) intranet Select the following is Cloud Platform by Amazon	b) Hadoop d) all of the mentione		
	a) azure c) cloudera Explain the following is the most important area	b) aws d) all of the mentioned of concern in cloud computing		
	a) security c) scalability Identify Which one refers to the location and ma	b) storage d) all of the mentioned		
ā	a) service c) application	b) deployment d) none of the mentioned		

(ix)	choose the following is the deployment model	•		
	a) public	b) private		
		d) all of the mentione		
(x)	Choose the following architectural standards is v	vorking with cloud computing industry	12	
	a) Service-oriented architecture	b) Standardized Web services		
	-) Web application framoworks	d) all of the mentioned		
(xi)	Which model attempts to categorize a cloud net	work based on four dimensional factors		
,	a) Cloud Square	b) Cloud Service [.]		
	c) Cloud Cube	d) all of the mentioned		
(xii)	classify How many types of dimensions exists in	Cloud Cube Model		
(11.17)		b) 2		
	a) 1 c) 3	d) 4		
(viii)	Analyze the following dimension is related to org	• 10		
	a) Physical location of data	b) Ownership		
	c) Security boundary	d) all of the mentioned	*:	
	Find out the which is not correct	**	17	
	a) The massive scale of cloud computing	b) Soft computing represents a real para	digm	
	systems was enabled by the popularization	shift in the way in which systems are		
	of the Internet	deployed		
	c) Cloud computing makes the long-held dream	d)		
	of utility computing possible with a pay-as-	all of the mentioned	•	
	you-go, infinitely scalable, universally			
	available system			
(xv)	Choose the following was one of the top 5 cloud	applications in 2021		
	a) Cloud backup	b) Web applications		
3	c) Business applications	d) All of the mentioned		
	Grou	р-В		
	(Short Answer Ty	/pe Questions)	3 x 5=15	
2. Dis	cuss the Advantages of SOA		(3)	
3 Ex	plain the challenges & legal issues in cloud comp	outing	(3)	
	alyze what is Service Oriented Architecture (SOA)		(3)	
	OI	R	vic*	
Exp	plain Components of service-oriented architectur	e.	. (3)	
	nat is the Role play of Virtual CPU		(3)	
	O	₹	(3)	
Mo	dify State essential characteristics of cloud comp	outing	(3)	
6. Explain the virtualization of CPU, Memory and I/O devices				
	OF		(3)	
Exp	lain the virtualization for data center automation		(2)	
			(3)	
	Grou	n-C		
	(Long Answer Ty	• ·		
	(Long Answer Ty	pe Questions)	5 x 6=30	
) E.	plain briefly the and the			
7. Explain briefly the security concerns of cloud computing				
) II-	timate the virtualization for data center automat	tion	(5) (5)	
9. How is cloud storage different from on-premise data center 10. Write short notes on (a.) Amazon S3 (b.) Amazon SimpleDB				
Cla	ssify the virtualization of CPU, Memory and I/O	devices	4	
	·		(5)	

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					180	
11. What is a Data Center	ta Center? Evaluate the core components and standards of a Data Center				(5)	
December of UDES are	hitecture with a proper	OR diagram			(5)	
12. What is a Data Center	2Define the core compo	nents and stand	lards of a Da	ta Center	(5)	
	irtualization in cloud con	OR	and or a co		(5)	
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