

USN

Eighth Semester B.E. Degree Examination, June/July 2019 Clouds, Grids and Clusters

		Clouds, Grids and Clusters	
Tim	ie: 3	has Max	Marks:100
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No	te:	Answer any FIVE full questions, selecting atleast TWO questions from	each part.
		PART - A	
		TART-A	
1	a.	Define Cloud Computing, Explain the components of cloud computing solut	ion in detai
			(08 Mark
	b.	What are the benefits and limitations of Cloud Computing?	(08 Mark
	c.	List and explain any 4 conditions when you should not use Cloud Computing.	(04 Mark
2	a.	List and explain operational and economic benefits that help your business.	(10 Mark
		Explain Cloud services offered by microsoft.	(10 Mark
3	a.	Explain the design requirements and design principles for Amazon simple sto	orage service
			(10 Mark
	b.	Explain the security benefits of cloud computing in detail.	(05 Mark
	c.	List and explain services that affect how cloud infrastructure is deployed.	(05 Mark
		YVII 4 Alian - France that make See See nonview services?	(08 Mark
4	a.	What are the driving forces that make SaaS as popular services?	
	b.	With the offerings, list the prevalent companies who provide software plus ser	(07 Mark
	0	List the capabilities offered by V motion migration tool.	(05 Mark
	C.	hist the capabilities of the control of the capabilities of the ca	
		PART-B	
5	a.	What is a meta computer? Explain its components.	(10 Mark
3	b.	Explain key functional requirements in grid computing.	(04 Marl
	c.	Explain six layered architecture of grid.	(06 Marl
	C.	Explains in tayored dienticotate of gird.	
6	9	Explain the action and working of G4 container.	(08 Marl
U	h.	Explain the specifications in brief for WSRF.	(06 Mar)
		Define i) SOA ii) STUBS iii) WEB SERVICE.	(06 Mar)
	C.		
7	a.	Define Cluster computing. Explain the architecture of a cluster and functionali	ties.
			(08 Mar
	b.	Explain Cluster programming environment and tools in detail.	(12 Mar
-		A death was used to macoure the nerformance of a cl	uster
8	a.	List the measures and metrics that are used to measure the performance of a cl	(04 Mar
	h	Describe the functionalities of Job Management System (JMS).	(06 Mar
	b.	Write a short note on Scheduling policies and load balancing in cluster environ	
	c.	write a short note on scheduling policies and load balancing in cluster chivitor	(10 Mar
			160
