Total No	o. of Questions : 8] SEAT No. :	
PA-14	154 [Total No. of Pag	ges : 2
	T.E. (Computer Engineering)	
	CLOUD COMPUTING	
	(2019 Pattern) (Semester - II) (Elective-II) (310254C)	
<i>Time</i> : 2 <sup>1</sup>	[Max. Mark	cs : 70
Instructi	ons to the candidates:	
1)	Solve Q1 or Q2, Q3 or Q4, Q5 or Q6, Q7 or Q8.	
2)	Neat diagrams must be drawn wherever necessary.	
3)	Figures to the right indicate full marks.	
4)	Assume suitable data, if necessary	
<b>Q1</b> ) a)	Describe CPU, Network and Storage Virtualization?	[9]
b)	Draw and Explain the Virtualization Architecture in detail?	[8]
	ORO	
<b>Q2</b> ) a)	Define Virtualization? Explain defferent types of Virtualizations?	[9]
b)	Differentiate between Virtualization in Grid and Virtualization in Cloud	ud[ <b>8</b> ]
<b>Q3</b> ) a)	What are the components of Microsoft Azure? Explain briefly?	[9]
b)	How cloud computing can be used for business and consumplications like ERP of CRM?	mer [8]
	OR OR	
<b>Q4</b> ) a)	Describe the Amazon Database Services?	[8]
b)	Explain Google Cloud Applications in detail?	[9]

**Q5**) a) What are the security issues of cloud computing identified by cloud security alliance (CSA)? Explain any three in detail? [9]

b) How Trusted Cloud Computing can be used to manage the risk and security in a cloud? [9]

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<b>Q6</b> ) a)	Explain the six step risk management processes?	[9]
b)	Describe how to perform Secure Cloud Software Testing?	[9]
<b>Q7</b> ) a)	What do you mean by IoT Cloud? And how IoT cloud can be home automation.	used in [9]
b)	Explain architecture and working of Kubernetes.	[9]
	OR	
<b>Q8</b> ) a)	What are the future trends in cloud computing? Explain in brief?	[9]
b)	Differentiate between Distributed Cloud Computing Vs Edge Compu	ting?[ <b>9</b> ]
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