Total	No.	of	Questions	:	8]

SEAT No.	:	

PA-1512

[Total No. of Pages: 2

## [5926]-132 T.E. INFORMATION TECHNOLOGY

(Cloud Computing (EL-II))

		(2019 Course) (Semester - II) (314454C)	
		Hours] [Max. Marks	: 70
Instr	uction	rs to the candidates:	
	<i>1</i> )	Answer Q1 or Q2,. Q3 or Q4, Q5 or Q6, Q7 or Q8	
	<i>2</i> )	Neat diagrams must be drawn wherever necessary.	
	<i>3</i> )	Figures to the right side indicates full marks.	
	<i>4</i> )	Assume Suitable data if necessary.	
<b>Q</b> 1)	a)	Explain SAML and OAuth as standards for secutity.	[6]
	b) 🖔	Define Atom and RSS and differentiate between Atom and RSS.	[6]
	c)	Write short note on Windows Azure Platform architecture.	[6]
		OR O	
<b>Q2</b> )	a)	Explain steps to launch an EC2 instance in AWS Cloud.	[6]
	b)	Explain Open Cloud Consortium and Open Virtualization format.	[6]
	c)	Define Bucket in Amazon S3 and differentiate between DynamoDB Amazon S3	and [6]
<b>Q</b> 3)	a)	Write a Short Note on Simple DB	[6]
	b)	What is fault tolerance. Explain characteristics of fault tolerance.	[6]
	c)	What is disater recovery? Explain disaster recovery methods.	[5]
		OR OF THE PROPERTY OF THE PROP	
<b>Q4</b> )	a)	What is Recovery time objectives (RTOs) and Recovery point object (RPOs)	ives <b>[6]</b>
		(KI OS)	լսյ
	b)	Draw & explain General Architecture Hadoop Distributed File Sys	
		(HDFS)	[6]
	c)	List and explain the security issues in cloud	[5]
		P.	<i>T.O.</i>

<b>Q</b> 5)	a)	Explain in detail NASA's Nebula Cloud.	[6]
	b)	Explain Supply Chain Management.	[6]
	c)	Explain the concept of FutureGrid.	[6]
		OR	
<b>Q6</b> )	a)	Explain Social Networking site Twitter.	[6]
	b)	Explain the different Technologies to build IOT infrastructure.	[6]
	c)	Explain the Applications of the Internet of Things	[6]
		i) Inventory Management	
		ii) Route Generation & Scheduling	
<b>Q</b> 7)	a)	Draw the Docker architecture and explain the components	[6]
	b)	Discuss in brief: Comet Cloud	[6]
	c) (	What's the difference between cloudlets and clouds	[5]
		OR	
<b>Q</b> 8)	a)	Draw the kubernetes architecture and explain the components	[6]
	b)	Differentiate between multimedia Vs Mobile Cloud	[6]
	c)	Write a different application of fabric and paints	[5]
		Write a different application of fabric and paints  All All All All All All All All All Al	
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