Total	No.	\mathbf{of}	Questions	:	10]	
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SEAT No.:	
[Total	No. of Pages: 2

P1972

[4859]-1064(A)

B.E. (Information Technology) (Semester - I)

CLOUD COMPUTING (End Sem.)

(2012 Pattern) (Elective - I)

Time: 3 H	[Max. Marks : 7	0				
Instruction	Instructions to the candidates:					
	1) Answer Q1 or Q2, Q3 or Q4, Q5 or Q6, Q7 or Q8, Q9 or Q10.					
	2) Figures to the right indicate full marks.					
Q1) a)	Discuss pros and cons of CC. [5]				
b)	Explain applications of virtualization. [5]					
	OR					
Q2) a)	Explain the cloud cube model. [5					
b)	Explain different levels of virtualization. [5]	1				
,						
Q3) a)	State and describe life cycle of SLA. [6]]				
b)	Define following terms [4]				
	i) Community Cloud					
	ii) Hypervisor					
	OR					
Q4) a)	Explain the model for federated cloud computing. [6]]				
b)	Explain in brief following terms: [4	1				
ŕ	i) Public cloud economics	_				
	ii) Vmware					
Q5) a)	Discuss with diagram surfaces of attacks in Cloud Computing. [8]]				
b) What are the several useful implications of the fact that 'OS state is saved						
7	in file and copied & shared'?]				

Q6)	a)	Enlist & describe security risks posed by shared images.	[8]			
	b)	Define steps to build DomU managed by Dom0.				
	c)	Discuss the nasty tricks played by malicious Dom0.				
Q7) a)		Describe Amazon EC2 cloud in brief considering following points:				
		i) AMI & Instances				
		ii) Amazon S3				
		iii) Databases				
		iv) Amazon Cloud Watch				
	b)	Explain with diagram the term 'Cloud Stack'.	[8]			
		OR				
Q8)	a)	Explain Google App Engine with diagram.	[8]			
	b)	Explain the open source cloud 'Eucalyptus'.	[8]			
Q9)	a)	Explain in brief any two ubiquitous computing applications.	[8]			
	b)	State and explain with diagram Human Centered Design Life Cycle.	[10]			
		OR				
Q10	<i>Q10</i>)a) Write short note RFID tag.		[8]			
	b)	Describe in brief any five network design issues.	[10]			

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