Total No. of Questions : 6]	90	SEAT No. :	
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TE/Insem/APR - 147

T.E. (Information Technology)

		Tier (interior Technology)	
		CLOUD COMPUTING	
		(2015 Pattern) (Semester - II)	
Time	e:1	Hour] [Max. Mark	ks: 30
Instr	uctio	ons to the candidates:	•
	1)	Answer Q.1 or Q.2, Q.3 or Q.4, Q.5 or Q.6.	
	<i>2)</i>	Neat diagrams must be drawn wherever necessary.	
	<i>3)</i>	Figures to the right indicate full marks.	
	<i>4)</i>	Assume suitable data, if necessary.	
Q 1)	a)	Enlist and explain in brief any six characteristics of Cloud Computing	ng.[6]
	b)	What are the Fundamental Components to construct Inter-conne	ecting
		Architecture? Describe.	[4]
		OR	
Q 2)	a)	Explain cloud delivery models with example.	[6]
<u>(</u> 22)			راران
	b)	Enlist and explain technologies used in Storage Systems.	[4]
			S, C
Q 3)	a)	Explain levels of Virtualization.	[4]
Q 3)	a)	Explain levels of Antuanzation.	ניין
	b)	Draw the diagram of Xen Architecture.	[3]
	c)	Define following standards of Application Development.	[3]
		i) AJAX	
		I) AJAX	
		ii) XML	
		iii) JSON	
		Define following standards of Application Development. i) AJAX ii) XML iii) JSON	

Explain Binary Translation with Full Virtualization. [4] **Q4**) a) Draw the diagram of 'Two level memory mapping' with reference to b) memory virtualization. [3] What are Solution Stacks? Explain in brief. [3] c) Describe any six important Cloud Platform Capabilities. **Q5)** a) [6] Define any four IaaS instances of Amazon EC2 cloud. `[4] b) OR Explain programming in Google Application Engine with the help of **Q6)** a) diagram. [6] b) Define the following terms: **[4]** Eucalyptus i) Nimbus ii) iii) Open Nebula Open Stack iv)