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Internal Assessment Test 1 – April 2019
Answer Scheme

Sub:	Cloud Computing					Sub Code:	18SCS23	Branch:	CSE		
Date:	16/04/19	Duration:	90 min's	Max Marks:	50	Sem / Sec:	M. Tech (CSE)/ II SEM		OBE		
<u>Answer any FIVE FULL Questions</u>									MARKS	CO	RBT
1.	a) Define Cloud Computing? List out the 4 reasons for success and obstacles of cloud computing.					[07]	CO1	L1			
	-Definition – 1 Marks										
	- Any 4 reasons for Success of Cloud – 4 Marks										
	- Any 2 Obstacles of Cloud – 2 Marks										
	b) Explain the cloud vulnerabilities					[03]	CO1	L2			
	- Any 3 vulnerabilities with example– 3 Marks										
2.	a) With a neat sketch explain Microsoft windows Azure and its online services					[05]	CO2	L3			
	-Diagram – 1 Marks										
	-Explanation -4 Marks					[05]	CO1	L1			
	b) What is SLA and its objectives										
	- Definition – 1 Marks										
	- Any 4 SLA objectives – 4 Marks										
3.	a) Explain the any one open source platform for private clouds					[05]	CO2	L2			
	- Eucalyptus or Open nebula or Nimbus with Explanation -5 Marks										
	b) Mention the structure of three delivery models in cloud					[05]	CO2	L2			
	-Diagram – 1 Marks										
	-SaaS, Paas, IaaS = 4 (2+1+1) Marks										
4.	What is workflows? Explain the basic workflow patterns					[10]	CO2	L2			
	-Definition – 1 Marks										
	- Basic work flow diagram – 4 Marks										
	- Explanation for patterns-5 Marks										

5.	<p>Describe the concepts of cloud computing in:</p> <p>a)Biology Research</p> <p>-Diagram – 1 Marks</p> <p>-Explanation -4 Marks</p> <p>b)Social computing ,Digital content</p>	[05]	CO2	L2
		[05]	CO2	L2
6.	<p>With a neat diagram explain the ZooKeeper coordination service</p> <p>-Diagram – 2 Marks</p> <p>-Explanation -8 Marks</p>	[10]	CO2	L2
7.	<p>a) Mention in detail the Challenges of cloud computing?</p> <p>-Any 5 challenges – 5Marks</p> <p>b) Explain the architectural styles for cloud applications</p> <p>-Any 5 architectural styles – 5Marks</p>	[05]	CO1	L1
		[05]	CO2	L2