Durati	ion: 3hrs Marks:80	
ND.	(1) Overting No. 1 is Community of the April 1997	
N.B. :	(1) Question No 1 is Compulsory.	0
	(2) Attempt any three questions out of the remaining five.	
	(3) All questions carry equal marks.	
	(4) Assume suitable data, if required and state it clearly.	
Q1.		
a.	Explain the NIST Cloud computing.	05
b.	Discuss cloud service models	05
с.	Considering an example of IT software developing company, explain benefits of	
	virtualization for that company.	05
d.	KVM and XEN are two open source virtualization technology, differentiate them	
	based on type of virtualization, type of environment to be used, design of kernel	05
	module, and support for para-virtualization.	
Q2.		
a.	Explain open stack architecture in detail.	10
b. 9	What does the acronym PaaS and laaS? How does it relate to Cloud computing.	10
Q3.		-\
	Discuss also if action of the control of a interesting at different levels	16
a.	Discuss classification or taxonomy of virtualization at different levels.	1(
b.	What is Anything-as-a-service or Everything-as- a-service (XaaS)? Explain in detail.	1(
Q4.		
a.	What is the implementation level of Virtualization?	10
b.	Discuss the risk and challenges associated with cloud security.	10
Q5.		
a.	Explain architecture of Mobile Cloud Computing. What are the benefits and	16
201	challenges of Mobile Cloud Computing?	1(
b.	Discuss the role of Cloud Computing in Business and customer applications	10
Q6.	Write a note on	20
1.	AAA model.	
2.	Cloud backup solution and features.	
3.	Eucalyptus cloud.	
4.	Discuss CIA triad of information system security.	

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