MIT Campus, Anna University
Internal Assessment 1
Programme: B.E. (CSE)

CS0134 - CLOUD COMPUTING

Sl. No	Question	Marks	CO	BL
PART A (5 x 2 = 10Marks)				
1.	List down the properties of cloud computing.	2	1	L.1
2.	State the advantages of cloud service deployment	2	2	L.2
3.	List down the risks from multi-tenancy with respect to various cloudenvironments.	2	3	L.3
4.	What are the issues in parallel and distributed paradigms?	2	3	L.2
5.	What are the phases in data security life cycle?	2	4	L.5
PART B (8 x 8 = 64Marks)				
6a.	Explain the service models of distributed and cloud computing indetail.	8	2	L.2
OR				
6b.	1. Briefly discuss the NIST cloud computing reference architecture. 2. List the Pros and Cons of cloud computing.	8	2	L.2
7a.	Explain the different levels of virtualization implementation	8	4	L.3
OR				
7b.	Write short notes on 1. Desktop virtualization. 2. Server virtualization.	8	2	L.2
8a.	Discuss different methods of **resource provisioning** and **platformdeployment** in detail with a neat diagram.	8	3	L.2
OR				
8b.	Explain the various design challenges for effective cloud computingenvironment.	8	2	L.2
9a.	1. Write a note on security challenges in cloud computing . 2. Write short notes on risk management in cloud.	8	4	L.5
OR				
9b.	Explain the architecture and working principle of **MapReduce**	8	4	L.4
PART C (1 x 15 = 15Marks)				
10.	Discuss with example the elastic utility computing architecture forlinking your programs to useful systems. *(EUCALYPTUS)*	15	4	L.3