

10	Students	will he	able to.	

**Course Outcomes** 

Max. Marks: 100

The	Students	will be	able to:	

CO1: Define Basic concept of terminologies of cloud computing.

CO2: Identify the appropriate cloud services for a given application.

CO3: Assess the comparative advantage and disadvantages of visualization Technology.

CO4: Describe resource management policies and its implementation in cloud.

CO5: Discuss various storage systems and security issues with case studies.

Note: I) Answer any FIVE full questions, selecting ONE full question from each unit.

II) Any THREE units will have internal choice and remaining TWO unit questions are compulsory.

III) Each unit carries 20 marks.

Q. No.	Questions	Marks	<b>BLsCOs</b>	POs
	UNIT - I	20		
1 a.	Explain the architecture of Microsoft Windows Azure.	10	L2 CO1	PO1,2,7,11
b.	List and explain most obvious obstacles of cloud computing.	10	L1,2CO1	PO1,2,7,11
	UNIT - II	20		
2 a.	Illustrate Map Reduce philosophy.	10	L2 CO2	PO1,2,3
b.	Explain the zookeeper coordination service model. List the operations.	10	L2 CO2	PO1,2,3
	UNIT - III	20		
3 a.	What is virtualization? Explain layering and interfaces between layers in a computer system.	10	L1,2CO3	PO2,10
b.	Distinguish between full virtualization and para virtualization.	10	L2 CO3	PO2,10
	OR			
3 d.	Explain Intel X-86 hardware support for virtualization.	10	L2 CO3	PO2,10
e.	Explain Xen network architecture.	10	L2 CO3	PO2,10
	UNIT - IV	20		
4 a.	Illustrate two level resource allocation architecture.	10	L2 CO4 PO1,2,3,5,8,10	
b.	Explain five classes of cloud resource management policies.	10	L2 CO4 PO1,2,3,5,8,10	
	OR			
4 d.	Explain pricing and allocation algorithm.	10	L2 CO4	PO2,3,4
e.	Explain start-time fair queuing algorithm	10	L2 CO4	PO2,3,4

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	UNIT - V	20		
5 a.	Illustrate the configuration of general parallel file system.	10	L2 CO5	PO2,3,4
b.	Explain the architecture of a GFS cluster.	10	L2 CO5	PO2,3,4
	OR			
5 d.	Explain how interactions are happen in NFS client server model?	10	L2 CO5	PO2,3,4
e.	Explain the Hadoop of cluster using HDFS.	10	L2 CO5	PO2,3,4

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