Year and Program:2018-19	School of Technology	Department of Computer Science & Engineering
Course Code: CCC504	Course Title: Cloud Storage Infrastructure	Semester – II
Day and Date wedesday 22ᵗʰmay2018	End Semester Examination (ESE)	Time: Max Marks: 100 2:30 to 5:30

Instructions:

1) All questions are compulsory.
2) Figures to the right indicate full marks.

			Marks	Bloom's Level	CO
Q.1		**Solve the following**			
	a)	Illustrate recovery concepts in cloud.	07	L_3	CO1
		OR			
	a)	Justify the importance of Business continuity in cloud.	07	L_5	CO1
	b)	What is Cloud Governance & Cloud Governance lifecycle? Generalize any five reasons for Cloud Governance.	06	L_3	CO2
		OR			
	b)	Outline Cloud Governance SPOT Framework	06	L_4	CO2
Q.2		**Solve the following**			
	a)	Differentiate NAS & SAN?	07	L_4	CO3
		OR			
	a)	Describe VM-ware storage architecture	07	L_2	CO3
	b)	Illustrate iSCSI.	06	L_3	CO3
		OR			
	b)	Illustrate FCIP.	06	L_3	CO3
Q.3		**Solve the following**			
	a)	Demonstrate the working of cloud infrastructure Components	07	L_3	CO1
	b)	Discover the Risks of Poor/No Cloud Governance	07	L_3	CO2

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c)	Analyze how we can make data available through Database clusters with Shared Storage Architecture?	06	L4	CO5
	OR			
c)	Explain Synchronous Replication mode	06	L2	CO5

Q.4 **Solve the following**

a)	Compare scalability & operational efficiency with respect to cloud storage.	08	L6	CO4
b)	Explain Global Data Storage.	08	L2	CO4
	OR			
b)	Draw & illustrate Sequence Diagram while reading a file from GFS.	08	L3	CO4

Q.5 **Solve the following**

a)	Summarize how we can make data available through Multi-Master Database Cluster Architecture?	07	L2	CO5
b)	What are types of Data Achieves? Write the steps or solutions for data archiving?	08	L3	CO5
	OR			
b)	What are tips for data archiving? Justify tips with explanation.	08	L6	CO5

Q.6 **Solve the following**

a)	Draw & illustrate Sequence Diagram while Writing a file in GFS	09	L4	CO4
b)	Write detailed information on DFS.	05	L3	CO4
c)	Explain Materialized view Replication	09	L2	CO5
	OR			
c)	What is Storage Array Based Replication? Relate Full Volume Mirroring with this replication.	09	L5	CO5

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