## M. Tech. –III (Computer Engineering) (CBCS – 2015 Course) : SUMMER - 2019

## SUBJECT: ELECTIVE – I: INFORMATION STORAGE MANAGEMENT

Day: Date:	Friday 17/05		S-2019-3448	Time: 11.00 AM TO 02 Max Marks: 60	.00 PM
N.B.:					
	1)	-	are COMPULSORY		
	2)	•	ht indicate <b>FULL</b> marks		
	3)		ble data if necessary		
	4)	Answer to bo	th the sections should be writter	n in <b>SAME</b> Answer book.	
			SECTION - I		
Q.1		What is Data? I different source	How data is different from infores of data.	mation? Describe in detail the	(10)
0.4		***	OR		
Q.1		What is Datace of data center e	nter? With a neat diagram elabolements.	orate on the key characteristics	(10)
Q.2		Describe in deta	ail the various array caching pro	operties and algorithms.	(10)
Q.2			ail the architecture of the Intelli explain how the disk storage sys		(10)
Q.3		_	il the Network attached storage architecture.	e (NAS) hardware architecture	(10)
			OR		(4.6)
Q.3		Elaborate in det	tail the layers of FC protocol sta	ack with a neat diagram.	(10)
			SECTION – II		
Q.4		detail the follow a) Causes	of information unavailability. ing information Availability.	ation Availability? Explain in	(10)
Q.4		-	OR  rpose of performing operations lifterentiate between RPO and R	_	(10)
Q.5		<del>-</del>	il the SMI-S with neat diagram. hat help in simplifying the SAN or		(10)
Q.5			etail any two storage manago vities with an example.	ement and any two storage	(10)
Q.6			computing? What is its importeristics, merits and demerits.  OR	rtance? Describe in detail its	(10)
Q.6		-	ail the cloud architecture with ain the various service models fa	<del>-</del>	(10)

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