Seventh Semester B.E. Degree Examination, Dec.2023/Jan.2024 Storage Area Networks

Time: 3 hirs

Vulnerability

d. Data encryption

Max. Marks:100

(20 Marks)

Note: Answer any FIVE full questions, selecting at least TWO questions from each part.

PART - A

	a. Which core elements are essential for the basic functionality of a data center? Briefly		
1	a.	Which core elements are essential for the basic fameticianty of a summer constant	(12 Marks)
		explain will all fluct processing system.	(08 Marks)
	b.	What is disk service time? Explain different service times on a disk driver.	(001.20222)
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2	a.	Explain the following with appropriate diagrams:	(10 Marks)
			(10 Marks)
	b.	With a neat diagram, explain the components of Intelligent Storage System (ISS).	(05 Marks)
			(05 Marks)
	c.	With a neat diagram, explain the features of high end storage systems.	(05 Marks)
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			(10 3/1 - 1)
3	a.	With neat diagram explain SCSI communication model.	(10 Marks)
	b.	What are different types of ports available in Fiber channel? Also mention its uses	(10 Mayla)
			(10 Marks)
		CALACO is a most diagram	(09 Marks)
4	a.	What are benefits on NAS? Explain the components of NAS with a neat diagram.	(08 Marks)
	b.	What is iSCSI? Explain iSCSI protocol stack with a neat block diagram.	
	c.	Write short notes on NFS.	(04 Marks)
		PART - B	(10 M 1 - a)
5	a.	Define Archives. Explain different types of Archives with an example.	(10 Marks)
	b.	Explain the concept of storage virtualization with figure.	(10 Marks)
	Į.		(103/1-1-)
6	a.	Describe the failure analysis in BC. Briefly explain BC technology solution.	(10 Marks)
	b.	With a neat diagram, explain the steps involved in backup and restore operation.	(10 Marks)
		CMRIT LIBRARY	
		BANGALORE - 560 037	
7	a.	Explain different purposes of Local replica for source data.	(10 Marks)
	b.	Explain Host – based log shipping.	(10 Marks)
8		Write a short note on:	
	a.	Assets	
	b.	Threats	
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