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Roll No

### Mid Semester Examination 2022

Name of the program: B.Tech

Semester: 7th

Name of the course: STORAGE NETWORKING

Course code- TCS 710

Time: 1-1/2 Hour

Maximum Marks: 50

Note:

- (i) Answer **all the questions** by choosing *any one of the sub questions*.
- (ii) Each question carries 10 marks

Q1	(10 marks)	CO1
(a)	What do you understand by storage networking? Explain various types of storage networking in detail.	
OR		
(b)	Explain all the important pillars of information technology.	
Q2	(10 marks)	CO2
(a)	Explain various types of basic storage management skills and activities.	
OR		
(b)	What do you understand by Data Centres? Explain different physical and technical components of building data centres.	
Q3	(10 marks)	CO1
(a)	Define information life cycle management and its role in storage management.	
OR		

(b)	Explain redundant array-of independent disks(RAID) in detail.	
Q4	(10 marks)	
(a)	Explain the following terms:- 1. RAID parity 2. RAID levels	CO1
OR		
(b)	Differentiate between hot sparing and hot swapping.	
Q5	(10 marks)	
(a)	What do you understand by intelligent disk subsystem architecture in caching?	CO2
OR		
(b)	Write notes on : 1. Tape Media 2. Linear Tape Technology	