(10 Marks)

	 	 	 		$\overline{}$
USN					

## Third Semester M.Tech. Degree Examination, Dec.2014/Jan.2015 Advances in Storage Area Networks

Ţ.	me: ˈ	3 hrs. Max. Mar	ks 100
		Note: Answer any FIVE full questions.	x
1	a. b. c.	Explain the challenges of design applications.	am. 10 Marks) 05 Marks) 05 Marks)
2	a. b. c.	Explain the four different internal I/O channels with a neat diagram.	(10 Marks) (05 Marks) (05 Marks)
3	a. b. c.	Discuss remote mirroring in detail.	(05 Marks) (10 Marks) (05 Marks)
4	b.	Give the difference between FC and NAS.	ith a neat (10 Marks) (05 Marks) (05 Marks)
5	a.	Explain with neat diagram:  i) File systems and databases.  ii) Journaling.  iii) Snapshots	
	b.	iv) Volume manager.	(10 Marks) (10 Marks)
•	b. c.	Illustrate symmetric storage virtualization in the network with neat diagram.	(05 Marks) (10 Marks) (05 Marks)
	7 a. b	Which are the basic components of the Switch's operating system?	105 Marks) (160 Marks) the SAN (05 Marks)
{	3 a	Which are the systems management disciplines can be applied to any macro operation?	system in (05 Marks)

\* \* \* \*

co-workers and management.

b. Discuss on best practices for negotiating and determining service levels for internal IT

c. List and explain typical security elements that must be addressed by the any secure solution.