## Fifth Semester MCA Degree Examination, Dec.2016/Jan.2017 Storage Area Network

Max. Marks:100 Time: 3 hrs.

Note: Answer any FIVE full questions.

1	a.	What are the key characteristics of a data centre? Explain key management activit	ies. (10 Marks)
	b.	Briefly explain the concept of logical block addressing and zoned bit recording diagram.	with a neat (08 Marks)
	c.	Explain the following: i) Internal transfer rate ii) External transfer rate.	(02 Marks)
2	a. b.	Explain RA I D implementation methods.  Explain the following:	(06 Marks)
		i) Write-back cache	(04 Marks)
		ii) Write-through cache.	(06 Marks)
	c. d.	and the second of PAID	(04 Marks)
		tymes of zoning	(07 Marks)
3	a.	Explain zoning and various types of zoning.  Explain direct attached stooge (DAS). Explain its benefits and limitations.	(08 Marks)
	b. c.	with the lange of diagram evaluating tiper channel protocol state.	(05 Marks)
		Explain the henefits of NAS.	(06 Marks)
4	a.	What is network attached storage? Explain the benefits of NAS.	(08 Marks)
	b. c.	= 1 to the state of isc of isc onnectivity.	(06 Marks)
		G. G. G. Santont addressed storage strategy?	(08 Marks)
5	a	What are the key benefits of content addressed storage strategy?  Explain briefly block—level storage and file—level virtualization.	(08 Marks)
	b c	The shallonger of storage Victialization.	(04 Marks)
		With the help of diagram explain business continuity planning life cycle.	(06 Marks)
6	<b>j</b> a	With the help of diagram explain business continuous particles.  With the help of diagram explain back—up and restore operations.	(10 Marks)
	-	The standard office of the shade hacklin IODOIO2V.	(04 Marks)
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		a. Explain in detail storage array – based local replication technology.	(10 Marks)
•		b. Explain host based remote replication technology.	(10 Marks)
	8	Write a short notes on:	
		a. Risk triad	
		b. Storage security domains	(20.75 1.)
		<ul><li>c. Components monitoring</li><li>d. Enterprise management platform.</li></ul>	(20 Marks)
		d. Enterprise management platform.	

Important Note 11. On complicing your answers acceptionally draw degenusticens line on the combining Mank pages
2. Any revealing of identification, appeal to evaluator and /or equations written e.g. 4218 – 30, with occurrenced as malphaseless.