

University of Mumbai
Examination 2020 under cluster 4 (PCE)

Program: BE Information Technology

Curriculum Scheme: Rev2012

Examination: Final Year Semester VIII

Course Code: ITC801 and Course Name: Storage Network Management and Retrieval

Time: 1 hour

Max. Marks: 50

Note to the students:- All the Questions are compulsory and carry equal marks .

Q1.	_____ is also referred to as an active-active array.
Option A:	Traditional storage provisioning
Option B:	Virtual storage provisioning
Option C:	High end storage system
Option D:	Mid range storage system
Q2.	In which of the following RAID level, parity is used?
Option A:	RAID 0
Option B:	RAID 1
Option C:	RAID 3
Option D:	RAID 2
Q3.	A customer requires urgent additional storage with no performance constraints, what is the most appropriate LUN expansion method?
Option A:	Concatenated metaLUN
Option B:	Striped metaLUN
Option C:	Based LUN
Option D:	Component LUN
Q4.	Which of the following Company manufactures RAID devices?
Option A:	Qlogic
Option B:	LSI
Option C:	Falconstor
Option D:	Quantum
Q5.	Consider the application that generates 3600 Input/Output operations(IOP)with 60% Read and 40% Write, then what will be the disk load(Total I/O generated) for RAID level 6
Option A:	12,500
Option B:	10,800
Option C:	7920
Option D:	5040
Q6.	Which Virtual Interface remains active after the 'no shutdown'

University of Mumbai
Examination 2020 under cluster 4 (PCE)

	command is issued until it is disabled with the 'shutdown' command?
Option A:	Null Interfaces
Option B:	Loopback Interfaces
Option C:	Sub interfaces
Option D:	Tunnel Interfaces
Q7.	A storage area network (SAN) or storage network is a computer network which :
Option A:	Is confined to a single room, building or group of buildings
Option B:	Is designed to allow microcontrollers and devices to communicate with each other's applications without a host computer.
Option C:	Is used to store network addresses and types of topologies
Option D:	Are primarily used to access storage devices, such as disk arrays and tape libraries from servers so that the devices appear to the operating system as direct-attached storage.
Q8.	Which SCSI card controls wide, ultra wide and ultra-2 devices?
Option A:	50 pin SCSI card
Option B:	68 pin SCSI card
Option C:	25 pin SCSI card
Option D:	12 pin SCSI card
Q9.	What acts as an alternative to the Fibre Channel framework of the traditional SAN?
Option A:	Interfaces
Option B:	IP Storage
Option C:	SCSI
Option D:	Protocol Stack
Q10.	A Virtualization entity can be positioned in the storage network, it is classified into the following three levels: first is storage devices, second is network and third is
Option A:	Server
Option B:	files
Option C:	block
Option D:	directories
Q11.	Symmetric virtualization is also called
Option A:	In-band virtualization
Option B:	Out-band virtualization
Option C:	Mid-band virtualization
Option D:	cross-band virtualization

University of Mumbai
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Q12.	Storage virtualization in the storage network moves virtualization functions from servers and storage devices into the
Option A:	storage network.
Option B:	device
Option C:	driver
Option D:	disk
Q13.	In symmetric virtualization the metadata controller consists of a _____ and a volume management layer.
Option A:	server
Option B:	disk subsystem
Option C:	physical layer
Option D:	data access layer
Q14.	Which type of network can be connected to NAS servers using Ethernet?
Option A:	PAN
Option B:	LAN
Option C:	WAN
Option D:	MAN
Q15.	_____ establishes as the technology for storage networks based on Ethernet.
Option A:	Fibre channel
Option B:	FCoE
Option C:	iSCSI
Option D:	NAS
Q16.	_____ and volume manager provides their services to numerous applications with various load profiles.
Option A:	File systems
Option B:	Operating System
Option C:	Database Management System
Option D:	Network Monitoring System
Q17.	Which task is not done by File System Manager in General Parallel File System (GPFS)?
Option A:	Configuration changes of the file system
Option B:	Management of the blocks of the hard disk
Option C:	Token administration
Option D:	Database design
Q18.	In which of the following sites an enterprise operation can be moved in the event of

University of Mumbai
Examination 2020 under cluster 4 (PCE)

	a disaster with minimum facilities in place, but not activated
Option A:	Cold Site
Option B:	Hot Site
Option C:	Data Center
Option D:	Cloud
Q19.	The process of converting a few data streams into a single stream is called
Option A:	Data Stream Multiplexing
Option B:	Multiplexing
Option C:	Data Stream Compression
Option D:	Data Stream Encryption
Q20.	Which of the following is used for long time data retention?
Option A:	Archiving
Option B:	Operation Backup
Option C:	Disaster Recovery
Option D:	NDMP
Q21.	Proportion of items retrieved that are relevant is called
Option A:	Recall
Option B:	accuracy
Option C:	Relevance
Option D:	Precision
Q22.	In, Information System, system Designer has complete control of the _____
Option A:	Ectosystem
Option B:	Endosystem
Option C:	Information System
Option D:	Component System
Q23.	According to Kochen, the chain of Information is defined as _____
Option A:	Data, Information, Knowledge, Understanding, Wisdom
Option B:	Wisdom, Understanding, Knowledge, Information, Data
Option C:	Knowledge, Data, Information, Wisdom, Understanding
Option D:	Understanding, Knowledge, Data, Information, Wisdom
Q24.	Quality of a retrieval model depends on
Option A:	how data is represented on web
Option B:	how query is defined
Option C:	how result is displayed

University of Mumbai
Examination 2020 under cluster 4 (PCE)

Option D:	how well it matches user needs
Q25.	Purpose of stemming algorithm is
Option A:	speed the search process
Option B:	identify the stemming words in given query
Option C:	simplify the query
Option D:	produce root forms of words

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Question	Correct Option (Enter either 'A' or 'B' or 'C' or 'D')
Q1.	C
Q2.	C
Q3.	A
Q4	B
Q5	B
Q6	B
Q7	D
Q8.	B
Q9.	B
Q10.	A
Q11.	A
Q12.	A
Q13.	D
Q14.	B
Q15.	B
Q16.	A
Q17.	D
Q18.	A
Q19.	A
Q20.	A
Q21.	D
Q22.	B
Q23.	A
Q24.	D
Q25.	A