ISM UNIT 3 MCQs - MCQS

Information Storage And Management (SRM Institute of Science and Technology)

UNIT III			
Business Continuity and Back Up Recovery: Business Continuity: Information Availability. BC Terminology, BC Planning life cycle, Failure Analysis, Business Impact Analysis, BC Technology Solutions, Backup and Archive: Backup Purpose Backup Considerations, Backup Granularity, Recovery considerations, Backup Methods, Backup Architecture, Backup and Restore Operations, Backup Topologies, Backup in NAS Environments, Backup Targets, Data Deduplication for Backup, Backup in Virtualized Environments, Sharing Files between host and Virtual Machines, Usage of Backup techniques.			
PART-A (Multiple Choice Questions)			
Q. No	Questions	Course Outcome	Competence BT Level
1	The main purpose of backup is: **a) To restore a computer to an operational state following a disaster** **b)** To eliminate small numbers of files after they have been accidentally deleted **c)** Not to one among many version of the same file for multiple backup environment **d)** To enable the user to have additional memory	CLO3	Understand
2	Which of the following qualifies as best DR (Disaster Recovery) site? a) DR site in the same campus b) DR site in the same city c) DR site in the same country **d) DR site in a different country**	CLO3	Understand
3	Which of the following backup technique is most space efficient? a) Full backup **b) Incremental backup** c) Differential backup d) Partial backup	CLO3	Remember
4	Which of the following techniques can be used for optimizing backed up data space? a) Encryption and Deduplication **b) Compression and Deduplication** c) Authentication and Deduplication d) Deduplication only	CLO3	Remember
5	To decide on a backup strategy for your organization, which of the following should you consider? a) RPO (Recovery Point Objective) b) RTO (Recovery Time Objective) **c) Both RPO & RTO** d) RTT(Recovery Time Taken)	CLO3	Understand
6	Which of the following can be used for reducing recovery time? a) Partial recovery b) By taking backup on a slower device c) Not taking any other backups **d) Automatic Failover**	CLO3	Understand
7	Which of the following is false?		

	a) The more important the data, the greater the need for backing it up b) A backup is as useful as its associated restore strategy **c) Storing the backup copy near to its original site is best strategy** d) Automated backup and scheduling is preferred over manual operations	CLO3	Understand
8	Information availability is not mentioned in the term a) Accessibility b) Reliability **c) Integrity** d) Timeliness of information	CLO3	Remember
9	Unplanned outages include **a) Failure caused by human errors** **b)** Database updation **c)** Failure of software components **d)** Database recovery	CLO3	Remember
10	The process of restarting business operations with mirrored consistent copies of data and applications. a) Disaster Recovery b) Recovery- Point -Objective c) Recovery- Time -Objective **d) Disaster Restart**	CLO3	Remember
11	A repository at a remote site where data can be periodically or continuously copied **a) Data vault** **b)** Hot site **c)** Cold Site **d)** Server Cluster	CLO3	Understand
12	The BC planning life cycle includes ____stage : **a) Establishing objectives and Analysing** **b)** Communication **c)** Planning **d)** Deployment	CLO3	Remember
13	A_____refers to the failure of a component that can terminate the availability of the entire system or IT service. **a) Single point of failure** **b)** Multi point failure **c)** Both Single point and multi point **d)** Neither single nor multiple	CLO3	Remember
14	Configuration of multiple paths increases the a) Data integrity **b) Data availability** c) Data confidentiality d) Date reliability	CLO3	Understand
15	Data can be replicated to a separate location within the same storage array. a) Backup **b) Local replication**	CLO3	Understand

	c) Remote replication d) Archive		
16	PowerPath supports user-specified load-balancing policies except: a) Round Robin Policy b) Least I/O Policy c) Least block policy **d) FIFO policy**	CLO3	Understand
17	CAS is____ a) Content Address System b) Communication Archive System **c) Content Addressed Storage** d) Content Available Storage	CLO3	Remember
18	____depends on business needs and the required RTO/RPO. **a) Backup granularity** **b)** Full backup **c)** Partial backup **d)** Backup archive	CLO3	Remember
19	The storage node is responsible for _____. a) reading the data to the backup device **b) writing the data to the backup device** c) writing the data to the frontend device d) Store data in the system	CLO3	Understand
20	In a *serverless backup*, the network share is mounted directly on the storage node to avoids **a) overloading** **b)** Congestion **c)** Collision **d)** Data availability	CLO3	Understand
21	How many seconds the RTO required to Cluster production servers with bidirectional mirroring, enabling the applications to run at both sites simultaneously. a) RTO of 72 hours b) RTO of 12 hours **c) RTO of few seconds** d) RTO of few hours	CLO3	Apply
22	*Virtual tapes* are disk drives emulated and presented as tapes to the backup software. The key benefit of using a virtual tape is **a) It does not require any additional modules, configuration, or changes in the legacy backup software. This preserves the investment made in the backup software**. b)It requires additional modules, configuration and a backup software c)It require a entire backup system either it is server based or non-server based d)The entire process is done with the help of the Virtual tape	CLO3	Analyse
23	Two 10-MB PowerPoint presentations with a difference in just the title page are not considered as duplicate files,they are treated as		

	a) **Each file will be stored separately.** **b)** File is duplicate and of existing and it does not stored **c)** File get corrupted **d)** File are stored in same name	CLO3	Analyse
24	Match the following data 1)Target based data deduplication i) backup data before it is stored on the backup device. 2) Inline deduplication ii) Offloads the backup client from the deduplication. 3) Post process deduplication iii) eliminates redundant data 4)Source-based data deduplication iv) backup data written on the backup device first **a)1-ii,2-i,3-iv,3-iii** b)1-iii,2-i,3-ii,4-iv c)1-iv,2-iii,3-I,4-ii 4) d)1-I,2-ii,3-iv,4-iii	CLO3	Analyse
25	What are the various business/technical considerations for implementing a backup solution, and how do these considerations impact the choice of backup solution/implementation? a)Inadequate data usage b)Recovery time c)Manual intervention **d)Automation**	CLO3	Analyse