

# 18CS822 SIMP QUESTIONS

*Prepared by: The TIE review team*

## Module-1-5 SIMP questions

1. Explain the evolution of storage architecture and file system mapping?
2. Write a short note on the FC frame and FC channel addressing
3. What is virtualization in SAN? Explain?
4. Explain different RAID levels with a neat diagram
5. Write a short note on zoning with relevant sketches
6. Explain (i)Data centre and its key elements, its characteristics  
(ii)ISS- and its components  
(iii)Cache Memory and types  
(iv)RAID and its implementation methods
7. Briefly explain the components and Input/Output operation of NAS
8. Explain business continuity and its terminology, planning life with a neat diagram
9. Write a short note on ISCSI (connectivity,componenets etc)
10. Enlist and explain different backup topologies and backup methods
11. Discuss with a neat diagram of failure analysis of the business continuity system
12. Explain the implementation of data archive and its use cases
13. Describe the purpose of backup and restore
14. Illustrate the data duplication implementations and methods with neat diagrams
15. Explain the infrastructure of cloud computing and its services
16. What are the different cloud service models, their benefits and characteristics, explain in detail
17. Demonstrate 3 site replications and network-based remote applications
18. Summarize information security frame and risk trade storage network
19. Write a short note on the local replicas, and explain how multiple local replicas are created
20. Explain how local replication technology is used by host-based methods
21. Explain with a neat diagram how an object in OSD is stored and retrieved
22. Identify remote replication methods with sketches
23. Explain the concept of remote replications and migrations in visualized environment