

1229**Code : 15CS63A***Register
Number*

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VI Semester Diploma Examination, Nov./Dec.-2018**INFORMATION STORAGE & MANAGEMENT****Time : 3 Hours |****| Max. Marks : 100****Instructions :** (1) Answer any **six** questions from Part – A. Each carries **5** marks.(2) Answer any **seven** full questions from Part – B. Each carries **10** marks.**PART – A****BETA CONSOLE!**

1. Discuss the five core elements of a data centre.

2. Describe volume manager.

3. What is Network Attached Storage (NAS) ? List different benefits of NAS.

4. Discuss Mirroring RAID technique.

5. Explain the types of cache flushing.

6. Explain different ports used in switched fabrics with a neat diagram.

7. Explain the benefits of NAS.

8. Discuss the purpose of backup.

9. Explain Data Archive Types.



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PART – B

10. Discuss various interface protocols. 10
11. Explain the components of Disk Drive performance. 10
12. Explain RAID 5 and RAID 6 levels with diagram. 10
13. Explain Nested RAID. 10
14. What is Intelligent Storage System (ISS) ? Explain its components with a diagram. 10
15. Explain the read and write operations with cache. 10
16. What is Fibre Channel ? Explain in brief the FC SAN implementation. 10
17. Discuss the types of zoning. 10
18. Explain different factors affecting NAS performance. 10
19. Discuss Backup and Restore Operations. 10

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