Reg. No ....   Name ....

BCA DEGREE END SEMESTER EXAMINATION- APRIL 2019
SEMESTER 5 : MOBILE APPLICATIONS AND CLOUD TECHNOLOGY
COURSE : **16U5CRBCA17 : FUNDAMENTALS OF STORAGE**
(For Regular - 2017 Admission and Improvement /Supplementary - 2016 Admissions)

Time : Three Hours   Max. Marks: 75

Section A
Answer any 10 (1 marks each)

1.   What are the components of LVM?
2.   Describe Command Line Interface?
3.   What are the types of data?
4.   Wha is provisioning?
5.   What is termed as head flying height in disk drive?
6.   What is termed as landing zone in disk drive?
7.   What is incremental backup?
8.   What is backup process?
9.   What is Information Alert?
10. What is reporting?

(1 x 10 = 10)

Section B
Answer any 8 (2 marks each)

11. Explain source and target in terms of LNUs.
12. Describe File system snapshot of local replication
13. What is the significance of Server and operating system in Data center Infrastructure?
14. Write short notes on Internet Protocol SAN.
15. Write short notes on disk drive Spindle.
16. Differentiate between block level access and file level access.
17. Explain how the backup system works?
18.   Describe the benefits of using Virtual Tape Library and physical tape library.
19. Describe storage management with example.
20. Describe briefly about performance monitoring?

(2 x 8 = 16)

Section C
Answer any 5 (5 marks each)

21. Describe the consistency of a replicated database
22. What are CLI and GUI? Compare with examples.
23. Write short notes on managing storage infrastructure.
24. Explain the logical components of the connectivity.

25. What is track and sector in the disk platter?

26. Differentiate between RPO and RTO.

27. Explain security monitoring with example.

(5 x 5 = 25)

Section D
Answer any 2 (12 marks each)

28. Explain the Evolution of storage Technology and Architecture?

29. What are the logical components of host? Discuss file system along with its types in detail.

30. What is the purpose of performing disaster recovery, operational backup and archival?

31. Explain in detail all the management tasks that are performed in the storage infrastructure.

(12 x 2 = 24)