Reg. No. : ☐☐☐☐☐☐☐☐☐☐☐

Question Paper Code: 39202

B.E. / B.Tech. DEGREE EXAMINATION, MAY 2022

Elective

Computer Science and Engineering

01UCS902 - INFORMATION STORAGE MANAGEMENT

(Common to Information Technology)

(Regulation 2013)

Duration: Three hours   Maximum: 100 Marks

Answer ALL Questions

PART A - (10 x 2 = 20 Marks)

1. Differentiate between data and information.

2. What are the techniques are used to define different RAID levels?

3. What are the different login types of FC?

4. Illustrate a short procedure for retrieving data from CAS.

5. Define business continuity and information availability.

6. Discuss about virtual provisioning.

7. Name few services provided by cloud computing to its users.

8. List the characteristics of cloud computing.

9. Define storage security framework.

10. List the 4 primary services of storage security framework.

PART - B (5 x 16 = 80 Marks)

11. (a) Explain the components of intelligent storage systems in detail. (16)

Or

(b) Discuss in detail about RAID levels. (16)

12. (a) Describe in detail about FCIP protocol and its topological design. (16)

Or

(b) Explain the architecture of content addressed storage. (16)

13. (a) Analyze the various remote replication technologies in detail. (16)

Or

(b) Describe backup topologies in backup environment and network attached storage environment. (16)

14. (a) Explain various cloud deployment models and different layers of cloud computing. (16)

Or

(b) Discuss in detail about the deployment models of cloud computing. (16)

15. (a) Discuss in detail about monitoring and managing storage infrastructure. (16)

Or

(b) Give a brief note on implementation of ILM with an example scenario. (16)

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