Reg. No. : | | | | | | | | | | |

Question Paper Code: 39202

B.E. / B.Tech. DEGREE EXAMINATION, AUGUST 2021

Elective

Computer Science and Engineering

01UCS902 - INFORMATION STORAGE MANAGEMENT

(Common to Information Technology)

(Regulation 2013)

Duration: 1:45 hour   Maximum: 50 Marks

PART A - (10 x 2 = 20 Marks)

(Answer any ten of the following questions)

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.

11. Define data and information.

12. State the function of R/W head when reading and writing the data on the platter.

13. List 2 file service protocols that support network attached-storage devices.

14. What topology is followed by fibre channel arbitrated loop?

15. What does the term 'Information availability' refer to?

PART – B (3 x 10= 30 Marks)

(Answer any three of the following questions)

16. Explain the components of intelligent storage systems in detail. (10)

17. Describe in detail about FCIP protocol and its topological design. (10)

18. Analyze the various remote replication technologies in detail. (10)

19. Explain various cloud deployment models and different layers of cloud computing. (10)

20. Discuss in detail about monitoring and managing storage infrastructure. (10)

39202