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Question Paper Code: 59202

B.E./B.Tech. DEGREE EXAMINATION, DEC 2020

Elective

Information Technology

15UCS902 INFORMATION STORAGE MANAGEMENT

(Regulation 2015)

Duration: One hour

Maximum: 30 Marks

PART A - (6 x 1 = 6 Marks)

(Answer any six of the following questions)

- Which is not a core element for the basic functionality of a data center? CO1- R
(a) Host. (b) Storage. (c) Networks. (d) Client.
- In big data who will gather data from devices and users. CO1- R
(a) Data collector (b) Data Aggregator (c) Data User. (d) Data buyers
- An FC analyzer can be used to _____. CO2- U
(a) Capture corrupted FC frames. (b) Find network bandwidth usage
(c) I/O performance (d) None of the above.
- Which of the below is component of SAN. CO2- U
(a) Ethernet switch (b) Fibre Switch. (c) Ethernet Card. (d) None of the above.
- Without this practice, backing up data is virtually useless. CO3- R
(a) Data Archival. (b) Data Retrieval
(c) Data quality assurance (d) Data Recovery
- To decide on a backup strategy for your organization, which of the following should you consider? CO3- R
(a) RPO (Recovery Point Objective). (b) RTO (Recovery Time Objective).
(c) Both RPO & RTO. (d) None of the above.
- Which of the following is Cloud Platform by Amazon ?. CO4- R
(a) Azure. (b) AWS. (c) Cloudera. (d) All of the mentioned.

8. _____ refers to the location and management of the cloud's infrastructure. CO4- R
 (a) Service. (b) Deployment (c) Application. (d) None of the mentioned
9. Which of the following is not the feature of Network management systems ?. CO5- R
 (a) Accounting (b) Security.
 (c) Performance (d) None of the mentioned
10. Which protocols are used for Storage management. CO5- R
 (a) SNMP. (b) LDAP (c) POP3. (d) All of the above.

PART – B (3 x 8= 24 Marks)

(Answer any three of the following questions)

11. Briefly discuss about core elements of a data center Infrastructure CO1-U (8)
12. Explain in detail about the FC SAN components, connectivity options, and topologies including access protection mechanism. CO2 -U (8)
13. Explain in detail about information availability.. CO3- U (8)
14. Discuss about the benefits of cloud computing with its characteristics? CO4-U (8)
15. Describe Storage Infrastructure Management Activities CO5- U (8)

