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**Question Paper Code: 39202**

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

Elective

Computer Science and Engineering

01UCS902 - INFORMATION STORAGE MANAGEMENT

(Common to Information Technology)

(Regulation 2013)

Duration: 1.15 hrs

Maximum: 30 Marks

PART A - (6 x 1 = 6 Marks)

**(Answer any six of the following questions)**

1. Creating portable virtual compute systems called as  
(a) Hypervisor      (b) CPU      (c) Virtual machines      (d) Virtual network
2. Cache is \_\_\_\_\_ memory.  
(a) External      (b) semiconductor      (c) internal      (d) ROM
3. A \_\_\_\_\_ is composed of a group of zones that can be activated and deactivated as a single entity in a fabric.  
(a) Zone set      (b) zoning      (c) Port zoning      (d) Mixed zoning
4. Which one of the following is an industry – standard TCP/IP – based protocol specifically designed for a backup in a NAS environment.  
(a) Serverless backup      (b) NDMP 2-way  
(c) Server based backup      (d) Network Data Management Protocol (NDMP)

5. Following is not stages of BC planning life cycle
  - (a) Analyzing
  - (b) Designing and developing
  - (c) Storage
  - (d) Training & testing
6. The stored object is assigned a globally unique address, known as
  - (a) Network address
  - (b) Port address
  - (c) Content address
  - (d) Storage address
7. Which of the following cloud service model is the base layer of the cloud services stack?
  - (a) SaaS
  - (b) PaaS
  - (c) NaaS
  - (d) IaaS
8. One of the following type of private cloud is hosted external to an organization and is managed by a third – party organization
  - (a) On-premise private cloud
  - (b) Externally hosted private cloud
  - (c) Internally hosted private cloud
  - (d) Hosted private cloud
9. Which of the following method removes the traces of the deleted data?
  - (a) Data shredding
  - (b) Data recovery
  - (c) Data Isolation
  - (d) Zoning
10. \_\_\_\_\_ components that are monitored for accessibility, capacity, performance, security?
  - (a) Hosts, Storage network, Storage
  - (b) Storage only
  - (c) ILM
  - (d) iSCSI

PART – B (3 x 8= 24 Marks)

**(Answer any three of the following questions)**

11. Explain the components of intelligent storage systems in detail. (8)
12. Describe in detail about FCIP protocol and its topological design. (8)
13. Analyze the various remote replication technologies in detail. (8)
14. Explain various cloud deployment models and different layers of cloud computing. (8)
15. Discuss in detail about monitoring and managing storage infrastructure. (8)