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## **MCA-402**

### **M.C.A. IV Semester**

Examination, June 2020

### **Information Storage And Management**

*Time : Three Hours*

*Maximum Marks : 70*

**Note:** i) Attempt any five questions.

ii) All questions carry equal marks.

1. a) What is Structured and Unstructured data? What are the challenges of storing and managing unstructured data?  
b) What do you understand by Information Life Cycle? Explain.
2. a) Explain “Zoned Bit Recording” and “Logical Block Addressing”.  
b) What is Hot spares? What are the methods used for data recovery in Hot spares?
3. a) Explain the two different methods to implement RAID.  
b) Define DAS. Explain different types of DAS with diagram.
4. a) Explain the components of NAS with a neat diagram.  
b) Differentiate between CAS solution Fit into the ILM strategy.

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5. Explain following term
  - a) Data center concepts and requirements
  - b) Key management metrics
  
6. a) Explain in brief about the “Architectural Framework of Cloud computing”.  
b) Explain File level virtualization.
  
7. a) Discuss the different barriers of Cloud computing.  
b) What is Cloud security and integration?
  
8. Write a short notes (any three)
  - a) Cloud vocabulary
  - b) Disaster Recovery
  - c) SAN
  - d) Cloud service providers

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