Total No. of Questions : 8]   [Total No. of Printed Pages : 2

Roll No ....

MCA-402
M.C.A. IV Semester
Examination, May 2019
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 information life Cycle? Explain with an example.
   b) Explain the various storage technologies with diagram.

2. a) What are the components of a storage infrastructure? Explain in detail.
   b) Explain the Architecture of intelligent storage system in detail.

3. a) Explain RAID levels in detail with neat diagram.
   b) Explain data mapping process with an example.

4. a) What are the various factors that affect the performance of disk driver?
   b) What are the components of NAS? Explain NAS implementations.

5. a) What are the components of content-addressable storage systems? Write the limitation of CAS.
   b) What are the security and limitations of DAS?

6. a) What are the key requirement for data centre elements? Explain.
   b) Explain various forms of virtualization and storage virtualization challenges.

7. a) What do you understand by Industry Management standards? Explain in Brief.
   b) What do you understand by Key management metrics? Explain.

8. a) What are the essential characteristics of cloud computing?
   b) What are the security risks areas of cloud computing? How can you evaluate risk?

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