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Roll No

MCA-402

M.C.A. IV Semester

Examination, December 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) Explain Data Proliferation. What are the effective solution to it? Explain.
b) What do you mean by information life cycle? Explain characteristics of an effective ILM strategy.
2. a) What do you understand by data categorization? Explain.
b) What is data mapping? Define its types.
3. a) What is RAID? Describe its levels.
b) Describe briefly the architecture of storage system.
4. a) Distinguish between Integrated vs Modular arrays.
b) What is NAS? Describe Components and connectivity in NAS.
5. a) What are the characteristics of DAS and its limitations?
b) Write a brief note on Network storage. Give the benefits it provides to organization.

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6. a) What is Storage Virtualization? How is it important?
Explain with diagram.
- b) What is disaster recovery? Explain the importance of disaster recovery planning.
7. a) What is SNMP? What are the components managed by SNMP?
- b) What are the various types of services provided by the cloud? Explain with example.
8. a) Explain cloud computing architecture.
- b) Write short notes:-
 - i) Cloud vocabulary
 - ii) Cloud integration
