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Total No. of Pages : 02

Total No. of Questions : 09

B.Tech.(IT)(E-I 2011 Onwards) (Sem.-6)

STORAGE MANAGEMENT

Subject Code : BTIT-901

M.Code : 71175

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

SECTION-A**Q1. Answer the following :**

- a) What is storage infrastructure?
- b) Discuss advantages of RAID 1 level.
- c) Write a short note on performance of disk drive architecture?
- d) Name any two parameters for comparing RAID levels.
- e) Write a short note on FC-SAN.
- f) What is high end storage array?
- g) Name any two companies providing storage management features.
- h) Write the benefits of firewalls.
- i) Define data retention.
- j) What is the Lightweight Directory Access Protocol (LDAP)?

SECTION-B

- Q2 What is importance and value of data to a business?
- Q3 Discuss RAID and how it works.
- Q4 What is disaster recovery? Write backup methods and technologies.
- Q5 Discuss Network Attached Storage. Give the working of NAS.
- Q6 Give the logical and physical components of a storage infrastructure.

SECTION-C

- Q7 Discuss the intelligent storage systems. Write its capability to meet the requirements of today's applications.
- Q8 Explain the content addressed storage. How it is used to access the contents from storage devices?
- Q9 What is the need of storage management? Compare SAN and NAS storage architecture.

NOTE : Disclosure of identity by writing mobile number or making passing request on any page of Answer sheet will lead to UMC case against the Student.