Roll No. ☐☐☐☐☐☐☐☐☐☐☐☐☐   **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
Paper ID : [A2355]

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. **Explain the following :**

a) Types of data

b) Concept of data center

c) RAID

d) Virtualization Data Center (VDC)

e) Disk Drive seek time

f) FC-SAN Ports

g) Single Sign on (SSO)

h) LDAP

i) IDS

j) Firewall

SECTION-B

Q2.   What are the different factors that have contributed to the growth of digital data?

Q3.   What are different components of Intelligent Storage System (ISS)?

Q4.   Discuss different benefits of NAS.

Q5.   What are different modes of remote replication?

Q6.   What are the core elements essential for the functionality of a data center?

SECTION-C

Q7.   Discuss different levels of RAID and also compare level.

Q8.   What are the different factors affecting NAS Performance? Discuss in detail.

Q9.   What are key features and benefits of Content-Addressed Storage (CAS)? Discuss in detail.