

SV-204

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Seat No.	
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T.E. (CSE) (Part - III) (Semester - VI) (New)

Examination, May - 2018

STORAGE NETWORKS

Sub. Code :66861

Day and Date : Saturday, 12 - 5 - 2018

Total Marks : 100

Time : 2.30 p.m. to 5.30 p.m.

- Instructions :**
- 1) **Figures to the right indicate full marks.**
 - 2) **Question No.4 & Question No.8 are compulsory.**
 - 3) **Attempt any two questions from Q.1 to Q.3 and from Q.5 to Q.7.**

Q1) a) Explain Disk Drive Components in detail? [8]

b) Describe benefits of NAS in detail? [8]

Q2) a) Explain cache mirroring and cache vaulting in Intelligent Storage System?[8]

b) Explain the different components of SAN? [8]

Q3) a) Explain the different Fibre Channel Topologies? [8]

b) Discuss iSCSI components & connectivity? [8]

Q4) Attempt Any Three. [18]

a) DAS (Direct Attached Storage)

b) RAID Level 5

c) Read & Write in cache,

d) Factors affecting NAS

P.T.O.

- Q5) a) Explain any four implementation consideration of Virtualization entity?[8]
b) With suitable diagram explain Symmetric Storage Virtualization? [8]
- Q6) a) Discuss following business continuity terminologies? [8]
i) Disaster Recovery
ii) Disaster Restart
iii) Recovery point objective
iv) Recovery Time Objective
b) Explain any two backup technologies? [8]
- Q7) a) Which are the limitations of non - virtualized Storage Networks? [8]
b) With suitable example explain Backup Granularity? [8]
- Q8) Attempt any three. [18]
a) Measurement of Information Availability.
b) Business Impact Analysis
c) Full Volume mirroring
d) Storage Security Domains

