

[5155] - 273

M.E. (Computer Engineering)

**ADVANCED STORAGE SYSTEMS & INFRASTRUCTURE  
MANAGEMENT  
(2013 Pattern)**

*Time : 3 Hours]*

*[Max. Marks : 50*

*Instructions to the candidates :*

- 1) Attempt any five questions.*
- 2) Neat diagrams must be drawn wherever necessary.*
- 3) Figures to the right indicate full marks.*

**Q1)** a) What is intelligent storage system (ISS). Describe Components of ISS. [5]  
b) Which components Consistute disk service time? Discuss disk drive performance. [5]

**Q2)** a) Write short note on [5]  
i) Cloud storage  
ii) FAST  
b) Give an overview of FCSAN & IPSAN. [5]

**Q3)** a) Discuss remote replication technology in detail. [5]  
b) Write short note on [5]  
i) De-duplication.  
ii) Offsite backup.

**Q4)** a) What are various infrastructure management activities? Discuss. [5]  
b) Write short note on value of systems management for business. [5]

*P.T.O.*

- Q5)** a) Explain infrastructure management pattern for IT Systems management. [5]  
b) Discuss Information technology Infrastructure Library. [5]
- Q6)** a) Write short note on Problem management. [5]  
b) Discuss Capacity management. [5]

