

PSG COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)  
MCA DEGREE EXAMINATION MAY 2019  
(Fourth Semester)

Branch - COMPUTER APPLICATIONS

<

**INFORMATION STORAGE AND MANAGEMENT**

Time: Three Hours

Maximum: 75 Marks

**SECTION -A (30 Marks)**

Answer **ALL** questions

**ALL** questions carry **EQUAL** Marks (5 x 6 = 30)

- 1 a Describe about the key data Center Elements.  
OR  
b Write short notes on various components of Intelligent Storage System.
- 2 a Briefly explain about VS AN Technology.  
OR  
b Illustrate Content Addressed Storage.
- 3 a How do you optimize the data backups along with Archival solution?  
Explain.  
OR  
b Explain about Restart considerations in Local Replication.
- 4 a What are the features of cloud computing? Explain.  
OR  
b Give short notes on Deployment Models in cloud.
- 5 a How do you manage the Information Infrastructure? Explain.  
OR  
b Briefly explain about cloud service management activity.

**SECTION -B (45 Marks)**

Answer any **THREE** questions

**ALL** questions carry **EQUAL** Marks (3 x 15 = 45)

- 6 Explain in detail about RAID.
- 7 Discuss about Fiber Channel Storage Area Network.
- 8 Elaborate Remote Replication with example.
- 9 Write in detail about various challenges in cloud computing.
- 10 Describe in detail about framework and domains of storage security.

Z-Z-Z

END