B. E. (Seventh Semester)
EXAMINATION, Dec., 2014
(Computer Science Engg. Branch)
Information Storage and management
http://www.rgpvonline.com
Unit I
1. (a) Discuss the evolution of various storage technology and architechture?
   (b) Explain briefly the following:

   i) Data and its Types

   ii) Storage Devices

   iii) ILM implementation

   iv) ILM benefits

Or

2.(a) What are the components of a storage infrastructure?

(b)Explain in brief about information lifecycle management with an example.

Unit II
3.(a) Discuss various factors that affect the performance of Disk Drives.

(b) Discuss the impact of Random and Sequential I/O in different RAID Configuration.

Or

4(a) What do you understand by "Zoned Bit Recording" and "Logical Block Addressing"?

(b)Discuss the key components of a "Disk Drive"?

Unit-III

5(a) Differentiate between CAS solution fits into the ILM strategy?

(b) What is zoning ? Discuss its types.

Or

6.(a) Differentiate between DAS, SAN and NAS technologies.

(b) Discuss the advantage of FC-SW over FC-AL.

Unit-IV

7. (a) Discuss in detail the different forms of virtualization.

(b) Explain the key management metrics.

Or

8. (a) Discuss the Core Elements and key requirements for data center elements.

(b) What is the purpose of performing operation backup, disaster recovery and archiving?

Unit-V
9. (a) Explain in brief about the " Architectural Framework of Cloud Computing"

(b) Give a brief note on "Cloud Computing Evolution"

Or

10.Write a short notes on the following :

a) Cloud security and integration

b) Application and services on cloud

c) Cloud service providers and models

d) Cloud benefits