Roll No. ☐☐☐☐☐☐☐☐☐☐☐☐☐   Total No. of Pages : 02

Total No. of Questions : 09

B.Tech.(IT) (E-I 2011 Onwards) (Sem.–6)
CLOUD COMPUTING
Subject Code : BTCS-912
Paper ID : [A2359]

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 has to attempt any FOUR questions.**
3. **SECTION-C contains THREE questions carrying TEN marks each and students has to attempt any TWO questions.**

SECTION-A

l. **Write briefly :**

a) Define Cloud Computing with example.

b) What are the properties of Cloud Computing?

c) Draw the architecture of Cloud.

d) What is the working principle of Cloud Computing?

e) Difference between distributed and parallel computing.

f) What is mean by Virtualization Middleware?

g) What is mean by IaaS?

h) Explain cloud provider and cloud broker.

i) Explain PaaS.

j) What is the role of cloud auditor?

SECTION-B

2. Explain the architecture of Cloud computing in detail.

3. Explain the desktop management in the cloud.

4. What are the security measures in cloud computing?

5. What is data corruption or loss? Explain with suitable example.

6. What are security breaches? Write down steps to reduce security breaches.

SECTION-C

7. Explain the virtual clusters in detail. Explain the trust management in virtual clusters.

8. Explain the Microsoft Azure programming support.

9. Explain the different cloud deployment scenarios.