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Total No. of Pages : 02

Total No. of Questions : 18

B.Tech.(CSE) (2011 Onwards E-III) (Sem.-7,8)

**CLOUD COMPUTING**

Subject Code : BTCS-912

Paper ID : [A2994]

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****Answer briefly :**

1. What is Virtualisation?
2. What is Hypervisor? What are its types?
3. Give two examples of the public cloud.
4. Compare and contrast grid and cloud environment.
5. What is community cloud?
6. What is symmetric key encryption?
7. What is SSL?
8. What is virtual private cloud?
9. Write a short note on Amazon web services.
10. What is Eucalyptus?

### SECTION-B

11. Explain the impact of cloud models using example. Also, outline benefits of public and hybrid cloud.
12. How does cloud computing help to reduce the time to market for applications and to cut down capital expenses?
13. What is the difference between elasticity and scalability in cloud computing?
14. Explain security risk in cloud computing.
15. What kinds of needs are addressed by hybrid clouds?

### SECTION-C

16. List and explain some of the challenges in cloud computing.
17. Write a short note on IBM offerings towards Cloud computing.
18. List and explain the steps to reduce cloud security breaches.