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

Total No. of Questions : 18

B.Tech.(CSE) (2012 to 2017 E-III)   (Sem.–7,8)
CLOUD COMPUTING
Subject Code : BTCS-912
M.Code : 71904

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

SECTION-A

Answer briefly :

1. Difference between elasticity and scalability in cloud computing.

2. Service-Oriented Architecture (SOA)

3. Utility Computing

4. Public/Private Key concept

5. Virtual Machine

6. Digital signature

7. Secure Sockets Layer (SSL)

8. Hybrid Cloud

9. Big Data Cloud

10. VM Migration

SECTION-B

11. Define Cloud Computing. What are the Characteristics of cloud computing?

12. Compare Symmetric and Asymmetric Key encryption in Cloud Computing.

13. What are the benefits of virtualization using in Cloud Computing?

14. What are the advantages of "Platform as a Service" (PaaS)? Explain with example.

15. What are pros and cons in comparison of Public *vs.* Hybrid cloud?

SECTION-C

16. Describe the Google AppEngine Architecture and core concepts.

17. What different techniques are used for data encryption in Cloud Computing? Explain in detail.

18. Describe the IBM Smart Cloud Architecture and core Services.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.