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
M.Code : 71179

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

1) **Answer briefly :**

   a) Define cloud elasticity.

   b) Why hybrid clouds are so important?

   c) What are cloud tools?

   d) Use of API in cloud.

   e) Give example of (SaaS) Architecture.

   f) Discuss service hijacking?

   g) What is migration in cloud computing.

   h) Discuss the use of SSL?

   i) Define Multitenancy.

   j) Give introduction of Google cloud Platform?

SECTION-B

2.   Mention the Layers of cloud Platform as a Server (PaaS) Architecture.

3.   What is Virtualization? Discuss the characteristics of Virtualization.

4.   Which selection criteria is used for Cloud deployment scenarios?

5.   How the internal security breaches can be reduced in cloud Computing?

6.   Explain some future developments of Clouds by taking any case study.

SECTION-C

7.   What are the characteristics of cloud architecture that differs from traditional architecture? Show with example.

8.   Explain the cloud security reference model. What are principle security dangers to cloud computing?

9.   Discuss how IBM Smart and its services are used for building clouds?

NOTE : Disclosure of identity by writing mobile number or making passing request on any page of Answer sheet will lead to UMC case against the Student.