Roll No.		Total No. of Pages : 02
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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

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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.