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Total No. of Pages : 02

Total No. of Questions : 09

BMCI (2014 & Onwards) (Sem.-6)

**MOBILE CLOUD COMPUTING**

Subject Code : BMCI-601

Time : 3 Hrs.

Max. Marks : 60

**INSTRUCTIONS 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**

**Q1 Answer briefly :**

- a) How user can gain from utility computing?
- b) How is sharing device resources done in cloud?
- c) What are the Cryptographic Systems used in Cloud?
- d) What are the Green Aspects of Cloud?
- e) What are the risks involved in a cloud?
- f) Mention the name of some large cloud providers and databases?
- g) For a transport in cloud how you can secure your data?
- h) What are the characteristics of cloud architecture that separates it from traditional one?
- i) Mention some open source cloud computing platform databases?
- j) Mention platforms which are used for large scale cloud computing?

## SECTION-B

2. Which security management frameworks and standards are relevant for the cloud environments? Justify your choice of standards.
3. What is the SPI model of cloud? What are the various privacy issues need to be considered in the cloud, and how do they
4. compare with traditional computing models?  
What factors decided the Service Level Agreements (SLAs) for Cloud-based vendors?
5. How do you think the IT Act of India safeguards the interest of cloud customers vis a vis data privacy laws of other countries?  
What are the different components of Data Security in Cloud? Examine security
6. delivered as a service-a different facet of cloud security.

## SECTION-C

7. Why do you consider identity and access management important in Cloud Computing environment? Elaborate the processes involved in identity management.
8. What distinguishes a cloud host from a “regular” host? Is it the same equipment, but a different billing and monitoring system? Justify. What are the downsides to moving to cloud hosting?
9. What are the various identity and access management (IAM) practices followed for authentication, authorization, and auditing of the users accessing cloud services? Explain with example as to how do SAML process evolve.

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.