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Total No. of Pages : 02

Total No. of Questions : 09

MCA (2015 & Onward) (Sem.-6)

CLOUD COMPUTING

Subject Code : MCA-602

M.Code : 74756

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. SECTIONS-A, B, C & D contains TWO questions each carrying TEN marks each and students has to attempt any ONE question from each SECTION.
2. SECTION-E is COMPULSORY consisting of TEN questions carrying TWENTY marks in all.

SECTION-A

1. What do you mean by Cloud Computing? Describe characteristics of a cloud with example.
2. What is a cloud and mention platforms which are used for cloud computing?

SECTION-B

3. Explain different Cloud Services and cloud service model architectures.
4. What is virtualization in cloud computing? Explain characteristics and benefits of virtualization.

SECTION-C

5. Explain the cloud computing security architecture in detail.
6. Describe Cloud deployment Model in detail.

SECTION-D

7. What do you mean by cloud computing with mobile technologies and how to access various mobile web services?
8. Explain about Amazon web service and IBM platform for cloud computing.

## SECTION-E

9. Write briefly :
- a) What is API? b) Hypervisor c) Big Data d) Virtual cloud
  - e) Different types of tenancy f) Automation in cloud computing
  - g) SaaS h) Cloud computing management platform
  - i) Virtual private cloud j) Amazon web service

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.