Roll No. ☐☐☐☐☐☐☐☐☐☐☐☐☐   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.