

**A-0843**

Total Pages : 3

Roll No. ....

**MCA-E12/MCS-E12**

**CLOUD COMPUTING**

**(MCA)**

Examination, June 2025

Time : 2:00 Hrs.

Max. Marks : 70

**Note :-** This paper is of Seventy (70) marks divided into Two (02) Sections 'A' and 'B'. Attempt the questions contained in these Sections according to the detailed instructions given therein. *Candidates should limit their answers to the questions on the given answer sheet. No additional (B) answer sheet will be issued.*

**Section-A**

**Long Answer Type Questions**      2×19=38

**Note :-** Section 'A' contains Five (05) Long-answer type questions of Nineteen (19) marks each. Learners are required to answer any *two* (02) questions only.

1. What is Virtualization in Cloud Computing ? How Cloud Computing works ?
2. Elaborate the components of Cloud Computing Architecture with suitable diagram ?
3. Explain the concept of Cloud Service Management ?
4. What are latest Cloud and Fog Computing: Trends, Tools and Future Prospects ?
5. Define Cloud Security. Explain some ways to secure a cloud.

### **Section–B**

#### **Short Answer Type Questions**      4×8=32

**Note :-** Section ‘B’ contains Eight (08) Short-answer type questions of Eight (08) marks each. Learners are required to answer any *four* (04) questions only.

1. Explain the difference between Fog Computing and cloud computing.
2. How Cloud Computing is being used in Organizations ? Enlist some famous organizations using Cloud Computing.
3. What are the key differences between Open Source and Commercial Clouds ?
4. What is VM Resource Allocation, Management and Monitoring ?

5. Explain Cloud Data Management with Suitable case study.
6. “FaaS Model is the next stage in Cloud Computing”, Explain.
7. State various cloud types with suitable example.
8. How Cloud Computing has changed whole technological landscape of organizations as well as a common man ?

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