A–852

Total Pages : 3 **Roll No. .....**

MCA-E12/MCS-E12

(MCA)

(Cloud Computing)

4th Semester Examination, 2024 (June)

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. (a) Explain distribution system models with diagram. (10)

   (b) Describe the working of Microsoft Azure with diagram. (9)

2. (a) What is encryption with types ? (10)

   (b) What is "cloud computing and Identity" in cloud security ? (9)

3. (a) What phases of cloud service life cycle are required to provide cloud services in your institute. (9)

   (b) Explain cloud computing architecture. (10)

4. (a) Describe various deployment models in cloud. (10)

   (b) Discuss latest trends in cloud computing. (9)

5. (a) What is IaaS, PaSS and SaaS. (10)

   (b) Explain Cloud Computing reference model with neat diagram. (9)

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. List out the Technologies for Data Security in Cloud Computing. Explain
2. What are the various security consideration issues for federated cloud ? Explain.
3. Distinguish cloud computing from application service provider.
4. What is the reason for SaaS to evolve ? What are the various integration models present ?
5. What is data management in cloud computing.
6. Define the Evolution of SOA. Explain how SOA is applied to Cloud Computing.
7. What are the Broad Approaches to Migrate into the Cloud ? Explain.
8. What are four main types of cloud computing ?

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