A-0895

Total Pages : 4   Roll No. --------------

MCA-E12/MCS-E12

Cloud Computing

(MCA)

4th Semester Examination 2024(Dec.)

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)

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.

[2x19=38]

Q.1. What is Cloud Data Management? Explain its relevance and benefits of Cloud Data Management in detail.

Q.2. Elaborate the concept of VM Resource Allocation in Cloud Computing.

Q.3. What is Cloud-Fog-Edge Enabled Analytics? Explain.

Q.4. How organizations have successfully adopted and leveraged cloud computing technologies? Explain with Case studies of various organizations.

Q.5. How serverless computing is implement in an organization? Explain with the help of Google Cloud platform.

Section-B
(Short-Answer-Type Questions)

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.

[4x8=32]

Q.1. Explain the benefits of Virtualization with suitable example.

Q.2. What are the differences between IAAS, PAAS and SAAS? Explain.

Q.3. How Resource Management is done in Cloud Computing?

Q.4. Explain the Concept of Cloud Simulation.

Q.5. Explain how data management is implemented in cloud computing Architecture?

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Q.6.   Explain how security is implemented in a cloud with an example.

Q.7.   What is FaaS model of Cloud Computing?

Q.8.   What is the differentce between Private, Public & Hybrid Cloud?

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