

C1044

Total Pages : 3

Roll No.

MCS-E12

Cloud Computing

Master of Computer Application (MCA)

4th Semester Examination, 2022 (June)

Time : 2 Hours]

Max. Marks : 80

Note : This paper is of Eighty (80) marks divided into two (02) Sections A and B. Attempt the questions contained in these sections according to the detailed instructions given therein.

SECTION-A

(Long Answer Type Questions)

Note : Section 'A' contains Five (05) long answer type questions of Twenty (20) marks each. Learners are required to answer any Two (02) questions only.

(2×20=40)

1. What is Distributed System Models? Explain in detail about data model for virtual machine.

2. Explain how Cloud Computing is different from Outsourcing and Provision of Application Services.
3. Explain in detail the importance of Quality and Security in Cloud.
4. Explain the concept of Data Management and Resource Management in Cloud.
5. Discuss in detail about the hardware assisted virtualization with respect to CPU, Memory and I/O Devices.

SECTION-B

(Short Answer Type Questions)

Note : Section 'B' contains Eight (08) short answer type questions of Ten (10) marks each. Learners are required to answer any Four (04) questions only. (4×10=40)

1. Discuss in detail about the three new computing paradigms with respect to High throughput computing.
2. Explain in detail about the different categories of hardware virtualization.
3. List and explain the deployment models for enterprise cloud computing.
4. Differentiate between Full virtualization and Para virtualization.

5. Discuss the seven steps model of migration into cloud.
 6. Explain about the five driving factors to comprehend computing environment.
 7. Discuss in brief about the cloud computing and data security risk.
 8. Write a short notes on following :
 - (a) User-centric clouds.
 - (b) Multimedia streaming.
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