Roll No ....

MCADD-701

M.C.A. (Integrated), VII Semester

Examination, May 2022

Cloud Computing

Time : Three Hours

Maximum Marks : 70

Note: i) Attempt any five questions.

   ii) All questions carry equal marks.

1. a) Define cloud computing. Describe the service models of cloud computing? 7

 b) Identify NIST cloud computing reference Architecture with a neat schematic diagram. 7

2. a) Explain Cloud computing architecture and explain its benefits. 7

 b) What do you understand by cloud Inter-operability? Explain. 7

3. a) Define the concepts of Map Reduce with an example. 7

 b) What is the need of Virtualization? How a Block level virtualization can be implemented? 7

4. a) Explain in detail security challenges in cloud computing? 7

 b) Describe how data security is handled in cloud? 7

5. a) Illustrate the main features of Azure cloud platform. 7
    b) Describe the services offered by Amazon.   7

6. a) What is Hadoop? Explain its components for cloud computing?   7
    b) Explain the fundamental functions required for secure cloud computing?   7

7. a) Differentiate between virtual LAN and virtual SAN and explain their benefits?   7
    b) Discuss the various levels of virtualization implementation.   7

8. Write short notes on any two: 14
    a) ECG analysis in cloud
    b) Cloud Federation stock
    c) Cloud Analytics
    d) Virtual machine security

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