

*Total No. of Questions : 8]*

*[Total No. of Printed Pages : 2*

**Roll No .....**

## **MCA-503**

### **M.C.A. V Semester**

Examination, June 2020

### **Cloud Computing**

*Time : Three Hours*

*Maximum Marks : 70*

**Note:** i) Attempt any five questions.

ii) All questions carry equal marks.

1. a) What are the main characteristics of Cloud Computing as per NIST? Why Cloud computing is important?  
b) What are the advantages and disadvantages of Cloud Computing?
2. a) Explain CRM. Discuss some cloud CRM application.  
b) Explain in detail NIST cloud computing reference architecture.
3. a) Discuss the advantages and disadvantages of NIST service models.  
b) What is Disaster Recovery? Explain Disaster recovery plan.
4. a) Describe the Virtualization architecture. What are the advantages and disadvantages of Virtualization?  
b) What is Virtual LAN? Differentiate between VLAN and SLAN.

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5.
  - a) What is Cloud security? Explain cloud security services.
  - b) Explain IBM security framework.
  
6.
  - a) What are Federated cloud? What are its benefits?
  - b) What is Hadoop? Explain its components for Cloud computing.
  
7.
  - a) What is Social networking and Social networking cloud computing?
  - b) Give an overview of Cloud application. Discuss its types.
  
8. Write short notes on any four
  - a) Third party cloud services
  - b) ECG analysis in cloud
  - c) Block and file level storage virtualization
  - d) Cloud analytics
  - e) Cloud interoperability

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