

**R20**

Code No: 873AA

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****MCA III Semester Examinations, March/April - 2022****CLOUD APPLICATIONS****Time: 3 Hours****Max.Marks:75**

**Answer any five questions**  
**All questions carry equal marks**

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- 1.a) Discuss virtual clusters and resource management.  
b) Describe the Distributed System Models and Enabling Technologies. [7+8]
- 2.a) List and explain the benefits of cloud computing.  
b) Give a brief note on Biocomputing and Mobile Computing. [8+7]
- 3.a) Discuss the five essential characteristics of cloud computing.  
b) Explain the Principles of Cloud computing. [5+10]
4. Explain the following:  
a) Cloud Computing is a Service.  
b) Cloud Computing is a Platform. [7+8]
- 5.a) Draw and explain the Cloud architecture.  
b) Discuss the network connectivity in Cloud Computing. [8+7]
- 6.a) Describe the Managing the Cloud application.  
b) What are phases of cloud migration approaches? Explain. [8+7]
- 7.a) Give a brief note on Infrastructure as a Service.  
b) List and explain the characteristics of PaaS. [8+7]
- 8.a) Give a brief note on Amazon web services.  
b) Discuss the Google Cloud Connect. [8+7]

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