

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**

- 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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