

R15

Code No: 127BN

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech IV Year I Semester Examinations, May/June - 2019

CLOUD COMPUTING

(Computer Science and Engineering)

Time: 3 Hours

Max. Marks: 75

Note: This question paper contains two parts A and B.

Part A is compulsory which carries 25 marks. Answer all questions in Part A. Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b, c as sub questions.

PART - A

(25 Marks)

- 1.a) Explain about Virtual Machines.
- b) Discuss about Computer Clusters.
- c) What is Cloud computing?
- d) Write a short note on 'integration as a Service' in cloud?
- e) What is T-Systems?
- f) Discuss about Software as a service (SAAS) in cloud.
- g) What is SLA Mangement in Cloud?
- h) How to build content delivery networks using cloud. Discuss?
- i) How data secure in the cloud?
- j) What is organizational readiness in cloud?

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PART - B

(50 Marks)

2. Discuss in detailed about distributed system models.
- OR
3. Explain in detail about virtualization of clusters and data centers.
4. Explain about paradigm used for cloud era.
- OR
5. Discuss the factors influenced to migration into cloud.
6. Explain about work flow engines for cloud computing.
- OR
7. How cloud provides Infrastructure as a service (IAAS)? Explain.
8. Explain about best practices in architecting cloud applications in AWS cloud.
- OR
9. Explain the architecture for federated cloud computing environment.
- 10.a) Explain the pros and cons of content level security.
- b) Explain the Change Management Maturity Model (CMMM).
- OR
- 11.a) Explain the legal issues in cloud computing.
- b) Explain the Cloud service lifecycle.

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