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Code No: 117BN

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**B. Tech IV Year I Semester Examinations, April/May - 2018****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 parallel computing.
- b) Discuss about virtualization of data centers.
- c) What is Cloud computing? Explain it.
- d) What are the benefits of migration into cloud? Explain.
- e) Explain about comet cloud.
- f) Discuss about Platform as a service (PAAS) in cloud.
- g) What is SLA Mangement in Cloud? Discuss.
- h) Explain about resource cloud mashups.
- i) Discuss about legal issues involved in cloud computing.
- j) What is change management in cloud age? Discuss.

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PART – B**(50 Marks)**

2. How distributed system models are useful for enabling technologies? Discuss.

[10]

OR

3. How computer clusters are useful for scalable parallel computing? Explain.

[10]

4. Explain about Enterprise cloud computing paradigm.

[10]

OR

5. How to enrich the 'integration as a Service' in cloud computing? Discuss.

[10]

6. Explain how cloud computing environment is enhanced with cluster as a service.

[10]

OR

7. Explain how security is provided to distributed data storage in cloud computing.

[10]

8. Explain about best practices in architecting cloud applications in AWS cloud.

[10]

OR

9. Explain how the performance is predicted for HPC on cloud computing?

[10]

10. Discuss in detail about data security in cloud.

[10]

OR

11. How to achieve production readiness for cloud services? Explain in detail.

[10]

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