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**Question Paper Code: 52142**

M.E. DEGREE EXAMINATION, DECEMBER 2015

First Semester

Computer Science and Engineering (With Specialization in Networks)

15PNE102 - CLOUD COMPUTING

(Regulation 2015)

Duration: Three hours                                                        Maximum: 100 Marks

Answer ALL Questions

PART A - (5 x 3 = 15 Marks)

1. List the system models for distributed and cloud computing.

2. What are virtual clusters?

3. What is inter cloud resource management?

4. Define open stack.

5. What is autonomic security?

PART - B (5 x 14 = 70 Marks)

6. (a) Explain the cloud models (laaS, PasS, SaaS).                              (14)

Or

   (b) (i) Explain about public vs private cloud.                               (7)

       (ii) Write a note on computing on demand.                               (7)

7. (a) Explain about virtualization structures.                                (14)

Or

(b) Describe in detail about virtualization for data- center automation. (14)

8. (a) Explain about layered cloud architecture development. (14)

Or

(b) Explain about global exchange of cloud resources. (14)

9. (a) Explain the following:

(i) Hadoop library from apache (7)

(ii) Eucalyptus. (7)

Or

(b) Explain the following:

(i) Amazon aws. (7)

(ii) Mapping application. (7)

10. (a) Explain about virtual machinery security. (14)

Or

(b) Explain about identify management and access control. (14)

PART - C (1 x 15 = 15 Marks)

11. (a) Describe the various design aspects of building cloud architecture. (15)

Or

(b) Explain the cloud security aspects in detail. (15)

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