SUBJECT CODE: 19CS/PC/CT45

M.Sc. DEGREE EXAMINATION – APRIL 2022
INFORMATION TECHNOLOGY
FOURTH SEMESTER

COURSE	**:**	**CORE**
PAPER	**:**	**CLOUD COMPUTING - THEORY & PRACTICE**
TIME	**:**	**1 ½ HOURS** **MAX. MARKS: 50**

SECTION – A

Answer ALL the questions   **5 x 2 = 10**

1. What is meant by intelligent terminal?

2. What is service abstraction?

3. State the purpose of a hypervisor.

4. What is Proactive scaling?

5. How does a service interaction model work in SOA?

SECTION – B

Answer any FOUR questions   **4 x 5 = 20**

6. Brief on the concept and influences behind Cloud service adoption.

7. Write short notes on Eucalyptus, OpenNebula and Apache Cloudstack.

8. Write about network and storage virtualization.

9. Write a short note on the purpose and role of an SLA.

10. Explain the two levels of load balancing.

11. What are the goals of system designing? Explain.

SECTION – C

Answer any TWO questions   **2 x 10 = 20**

12. Brief about any four concepts pertaining to Evolution of Cloud computing

13. Explain the Cloud cube model in detail with suitable illustrations.

14. Elaborate on Categories of Load balancing.

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