

**School of Computer Science Engineering and Information Systems (SCORE)  
FALL 2023-2024**

**Continuous Assessment Test (CAT – I)**

**Programme Name & Branch: MCA**

**Course Name & Code: PMCA506L Cloud Computing**

**Slot: C1 Class Number: VL2023240106196, VL2023240106198, VL2023240106200**

**Faculty Name: Dr. DAPHNE LOPEZ, Dr. SUBHASHINI R, Dr. NADESH R.K**

**Exam Duration: 90 Mins**

**Maximum Marks: 50**

**Answer all the Questions (5 \*10 = 50 Marks)**

- ✓1. Elucidate the Distributed Computing Paradigms that include the challenges in computing complex applications and data.
- ✓2. With an illustration, explain why Cloud Computing is referred to as an "On-Demand Computing". Elaborate how cloud service providers provide the on-demand functionality for their computing resources.
- ✓3. Identify the need for Service Oriented Architecture; explicate the components needed to build the architecture with an appropriate example.
- ✓4. "Many Enterprises are moving towards cloud for their business process", Justify with the service model, deployment model provided by the cloud service provider.
- ✓5. Imagine you to be a cloud architect, and if you have the responsibility of constructing a data center, what type of topology would you choose and why? Elaborate.

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