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: C2   Class Number: VL2023240106197, VL2023240106199, VL2023240106724
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. The general computing trend is to leverage shared web resources and massive amounts of data over the Internet. Illustrate the evolution of High Performance Computing systems and High Throughput Computing systems and their applications with suitable examples.

2. Cloud computing has emerged as a subject of substantial industrial and academic interest due to its rich characteristics. Elaborate each characteristic with a suitable use case.

3. Explain how web services are extended towards service oriented architecture.

4. If three healthcare organizations are working together on setting up a cloud, what type of deployment models would be preferred? Why? How would the services be defined?

5. An automobile manufacturing company decides to set up its datacenter for their services deployment. Enumerate the requirements for setting up the same.

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