Subject code: PC234EC Semester: 2nd

Subject name: Computer Organisation & Architecture ACY: 2020-2021

CLASS TEST-1

1. Answer all questions from part-A
2. Answer all questions from part-B

PART-A

1. Define instruction codes and discuss their importance in computer systems.
2. Discuss the advantages of fixed-point representation and its applications in digital arithmetic.
3. Describe the timing and control aspects of computer instructions in the instruction cycle.

PART-B

1. Discuss the advantages and applications of fixed-point representation in the context of numbers in computer systems.
2. Explore the concept of memory reference instructions in computer architecture, providing relevant examples.
3. Explain the role of interrupts in computer systems, covering both program interrupts and the Interrupt cycle.