Subject code: PC505EC Semester: 2nd

Subject name: Computer Organisation & Architecture ACY: 2019-2020

CLASS TEST-1

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

PART-A

1. Provide an overview of the fixed-point representation of numbers in computer systems.
2. How does the IEEE standard define floating-point representation, and what are its arithmetic operations?
3. Explain the concept of stored program organization and its impact on the execution of computer instructions.

PART-B

1. Explain the concept of stored program organization and its crucial role in enhancing the flexibility of computer systems.
2. Describe the functions of the common bus system and the importance of computer registers in the execution of instructions.
3. Provide a comprehensive overview of the instruction cycle, highlighting the Fetch and Decode phases and the role of timing and control.