Subject code: PC404EC Semester: 2nd

Subject name: Computer Organisation & Architecture ACY: 2021-2022

CLASS TEST-1

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

PART-A

1. Briefly discuss the digital arithmetic algorithms for both addition and subtraction in computer systems.
2. Explain the configuration of input and output in computer systems, including relevant instructions.
3. Discuss the role of the Micro programmed Control organization, with a focus on address sequencing.

PART-B

1. Compare and contrast restoring and non-restoring algorithms in digital arithmetic for division, emphasizing their respective advantages and applications.
2. Detail the configuration of input and output in computer systems and explain their critical role in overall system functionality.
3. Analyze the collaborative function of computer architecture and organization in creating efficient computer systems.