Subject code: PC505EC Semester: 2nd

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

CLASS TEST-2

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

PART-A

1. Discuss the characteristics of stack organization and its application in computer systems.
2. Define addressing modes in computer architecture and provide examples of each mode.
3. What is the purpose of a pipeline in computer processing, and how does it enhance overall performance?

PART-B

1. Explain the significance of various instruction formats in computer architecture and how they enhance data processing efficiency.
2. Explore different addressing modes used in computer architectures, providing examples and illustrating their applications.
3. Elaborate on the crucial concepts of data transfer and manipulation, emphasizing their importance in program control within computer systems.