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 any 2 questions from part-B

PART-A [ 3x2M=6M]

1. Discuss the characteristics of stack organization and its application in computer systems. [CO3]
2. Explain I/O interface. [CO4]
3. What is memory hierarchy? [CO5]

PART-B [ 2x7M=14M]

1. Explain the significance of various instruction formats in computer architecture and how they enhance data processing efficiency. [CO3]
2. Explain in detail DMA controller. [CO4]
3. Explain in detail address mapping using pages. [CO5]