Subject code: PC234EC Semester: 2nd

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

CLASS TEST-2

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

PART-A

1. Explore the concept of I/O interface in computer systems, including I/O Bus and interface modules.
2. Explain the differences between Asynchronous serial transfer and Strobe control in asynchronous data transfer.
3. Compare Programmed I/O, Interrupt-driven I/O, and Priority interrupt modes of data transfer.

PART-B

1. Analyze the components of I/O interface, specifically focusing on I/O Bus and interface modules, and their roles in computer systems.
2. Compare the functionalities of I/O Bus and Memory Bus, discussing how they serve distinct purposes in a computer architecture.
3. Provide a detailed explanation of asynchronous data transfer, covering Strobe control, Handshaking, and Asynchronous serial transfer.