Atal Bihari Vajpayee-Indian Institute of Information Technology & Management, Gwalior

EE303: Microprocessor and Interfacing

Minor Examination (Session 2024–25)

Maximum Time: 1.5 Hours   Max Marks: 25

Note: Attempt all questions. State assumptions clearly wherever used.

1. Explain the main features of the 8085 microprocessor.   (5 Marks)

2. Differentiate between CALL and RET instructions with examples.   (5 Marks)

3. Write an assembly language program to subtract two 8-bit numbers.   (5 Marks)

4. Explain the purpose of stack in 8085 with an example.   (5 Marks)

5. Discuss the difference between hardware and software interrupts.   (5 Marks)