

Quiz # 03

Course Title: Microprocessors and Assembly Language
Course ID: CSE - 4503

Total Marks: 15

Time: 25 Mins.

Student Id:

Obtained Marks:

Q1. Define the following terms with appropriate example:

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- i. Clock cycle
- ii. Bus cycle
- iii. Instruction cycle
- iv. Machine cycle
- v. 'T' duration (consider a microprocessor is having a clock speed of 40 MHz)

Q2. Draw the details of WRITE Bus timing diagram showing all the necessary/required signals of 8086. You should consider that the write operation will be made in the memory address of 10000H and there is no WAIT state.

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