Assignment 1

The due date for submitting this assignment has passed. As our records show, you have not submitted the assignment.

1. [300-MH4], [I]P=4216H, then the 20-bit physical address from which the code will be accessed will be:

   4216H
   4200H
   3000H
   300H

   Accepted Answers: [300H]

2. Setting of direction flag D1 in 8088 causes:

   - The microprocessor to operate in single stepping mode
   - The microprocessor to operate in break point mode
   - The microprocessor serial operations in auto decrement mode
   - The microprocessor serial operations in auto increment mode

   Accepted Answers: [The microprocessor to operate in single stepping mode]

3. The microprocessor serial operations in auto decrement mode

   - The microprocessor to read a word from memory location 3000H in a single bus cycle, the status of the 8255 signals A0 and BHE should be:
   - A0 = 0, BHE = 0
   - A0 = 1, BHE = 1
   - A0 = 0, BHE = 1
   - A0 = 1, BHE = 1

   Accepted Answers: [A0 = 0, BHE = 0]

4. Before the execution of POP instruction the stack pointer points to FF77H. The contents of the stack pointer after execution of POP instruction will be:

   FF77H
   FF78H
   FF80H
   FF82H

   Accepted Answers: [FF80H]

5. If [AH]=24H and [DI]=88H, after the execution of the following Instructions ADD AL, BL AAA the contents of AL will be:

   24H
   1BH
   18H
   1AH

   Accepted Answers: [18H]

6. Which of the following is an unspaced ASCII character?

   - 32
   - 95
   - 66
   - 56

   Accepted Answers: [56]

7. The XINT instruction causes the 8088 to enter idle state until:

   - The LOCK pin is made HIGH
   - The LOCK pin is made HIGH
   - The TSDT pin is made LOW
   - The TSTD pin is made HIGH

   Accepted Answers: [The LOCK pin is made HIGH]

8. If [AL]=0001H, after the execution of CMB instruction the contents of AL will be:

   0001H
   0010H
   0005H
   0015H

   Accepted Answers: [0001H]

9. Which of the following is not an 8086 maximum mode signal?

   - LOCK
   - NMI
   - ALE
   - G0

   Accepted Answers: [G0]

Due on 2020-05-13, 23:59 IST.