Assignment 2

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

1) What is the maximum capacity of the memory that can be interfaced to the microprocessor which contains 20 address lines?
   - 64KB   o 1 point
   - 1MB
   - 64MB
   - 1GB

No, the answer is incorrect.
Score: 0
Accepted Answers: 1MB

2) The size of ALU in 8086 is
   - 8-bit   o 1 point
   - 16-bit
   - 24-bit
   - 32-bit

No, the answer is incorrect.
Score: 0
Accepted Answers: 16-bit

3) Which of the following is used to sequence the execution of instructions
   - Segment register   o 1 point
   - Stack pointer
   - Instruction pointer
   - Flag register

No, the answer is incorrect.
Score: 0
Accepted Answers: Instruction pointer

4) What are the status of carry and auxiliary carry flags after performing the subtraction of 5FH from 0FH
   - Both the flags are reset   o 1 point
   - Both the flags are set
   - Carry flag is set and auxiliary carry flag is reset
   - Carry flag is reset and auxiliary carry flag is set

No, the answer is incorrect.
Score: 0
Accepted Answers: Carry flag is reset and auxiliary carry flag is set

5) If [CS]=5500H, [IP]=1200H, then the 20-bit physical address would be
   - 55200H   o 1 point
   - 67200H
   - 17500H
   - 57500H

No, the answer is incorrect.
Score: 0
Accepted Answers: 55200H