A

Q1/Assume that SP = FF20H, AX = FH, BX = 3CH, and CX = 9BAH DX=ABCD. Find the content of the stack and stack pointer after the execution of each of the following instructions. PUSH AX, PUSH BX, PUSH CX.

Q2/ Find the status of the condition flags for the following operations, why? MOV DH, C9H MOV DL, 30H ADD DX, 1BD0H.

Q3/Suppose that DS = 120EH, SS = 1000H, EAX = 00001000H, EBX = 0000200FH, ECX = 00003000H, BP = 0100H, and SI = 0250H. Determine the physical address for each of the following instructions, assuming real mode operation:

(a) MOV DL, [800H] (b) MOV [SI+500H], EDX (c) MOV [BP+SI+10], AL  
Q4/ **Choose the correct answer from the following:**

1. The two units in the 8086up are:   
 a- CU& PU. b- EU&CU. c- BIU&EU. d- BIU&PU.

2. If the CS =FF59, the range of physical address is  
 a- FF590....0F58F. b- 0F58F.....0F5FF. c- FF950.....FF9FF. d- 0F590....0F59F.