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ID: 2017-1-60-165

Course Code: 655492

Au to the aus No: 1

a) Given trut,

Memory Secution will start brown =)

50, code;

MOV A, B

MOV ON OSH, A

MOV OSH, A

MOV OAH, A

$$\frac{20 H \rightarrow 11001001}{20 H \rightarrow 00101101}$$

50, Here,
$$ov = overflow = 0$$

$$\rho: parity $bit = 0$

$$Ac: Auxillary corrry = 1$$

$$cy = corry = 0$$$$

5°, Here,
$$ov = overblow = 6$$
 $p \circ 2$ parity = 1

 $Ac = Auxilfary = 1$
 $e \circ 2$ carry = 0

Anli

Aus to the Dus NO: 3

Criven that,

ighe pulse width is = '9x'

where x = st Last digit at the student

ID

some pulse: 45mm 45mm

As we know that,

XTAL = 11.059 KHZ

59 elock bebreguncy = 11.059 = 921.6 KHZ

50, clock periods = 1/921.6 = 1.085 mices

50, The clocks amount = (45 × 1000)
1.085

= 41, 474 clocks

so, the TH and Th value =)

=> 65536-41474 [FFFF=65535] [EFFFF+1=65536] 2) 24,062

30, In nex the address is = 5D FEH
30, TH = 5D and TL = FE

etd.

CLP PORB P1.5

MOV TMOD, #01

Here: MOV TLO, # FEH

MOV THO, # 5DH

32TB 10000 P1.5

SETB TRO

Again: JNB TFO, Again

CLP Para P1.5

CLR TRO

CLP TFO

Grènen treat,

ighe student id: 165 pelay: 255

org 0000 H

Rept: CPL P1.0

1 call Delay

3 Jump Rept

ory olooH

Delay: MOV P1, #20

22: MOV RON# 640

21: DINZ Ro 21

DJNZ P, 22

Ret

ENU

An interrupt is a special condition

that wrights wrises during the working

period of miore-precessor it is executing

with ISR. A nord ware interrupts process

out occurs operating system signal

on the external pins of the micro-processer

8086 has two pins to a coept naohardware
interrupts. There are NMI and

INTR

I. NMI is non-maskable interrupt.

It is high torriggered and high poriority interrupt. The micro processor executes interrupt. The micro processor executes INT2 on succeiving an interrupt.

2. INTR is markable intersupt. It is

leveled triggered and for hower

priority intersupt the micro processes

Executes 2 INTA pulk on receiving

an intersupt on INTR Line.