Year/Sem SE/IV R2019	Seat no. RWM4181	Subject	Date 10/06/21	Sign Kunj	loge no.
	ono.º Os.				
-> arts	ernal Arc	hitecture of	8086 3-		
bl The fet cal	e BIU fer thing, read culating the structions h	forms all be ling and win he addresses rytes are true	the operation of the meansferred t	ne such a ends for me many ofers	ands. The
Q EI	nene. Deservitos	enoitemeteri	s from :	the instru	uction system
d] B:	jte queue. IU contain	ne instruction	queue,	Segment.	registers,
4	+LU, Pointe	ns fontrol or and index	Register	Hag ro	igister.

Hear/Sem SE/TV R2019	Seat no. RWM4181	Subject	Date 10/06/22	Sign Kuri	Rage no.			
Questio	Question no. : Q.3(A)							
	linimurs cM		Mascinum mode.					
i) In oninimum mode there can be only one processor i.l. 8086.			i) 9n	i) In maximum mode those can be multiple processors with 2086, like 8087.				
ii) MN/MX is 1 to indicate minimum mode.			ii) Mi	ii) MH/MX is 0 to indicate maximum mode.				
iii) ALE for the latch is given loy 8086 as it is the only processor in the circuit.			iii) ALE for the latch is given by 8288 bus controller as there can be mentliffle processor in the circul					
no therestri na at senanteser.  THIR line.			iv) INTA is given by 8288 bus controller in reshorse to an intercept on INTR line.					
v) The circuit is simpler.			v) The circuit is more complex.					
vi) Multiprocessing cannot be ferformere berformed hence performere us hower.			vi) ets multiprocessing can be performed, it can give every high performance.					

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Question no. : g. 3 (B)

DATA SEGMENT : data segment starts

DATA SEGMENT : data segment starts

LIST DB B2H, 23H, 56H, 45H, --: List of byte numbers

COUNT EQU OF : durber of bytes in the list

LARGIEST DB O1H DUP(?) : One byte is resourced for the

largest number

DATA ENDS CODE SEGMENT

MOV AX, DATA

MOV DS, AX

MOV SI, OFFSET LIST

MOV CL, COUNT

MOV AL, (SI)

AGAIN & CMP AL, [SI + 1]

THE NEXT

MOV AL, [SI+1]

NEXT: INC SI

DEC CL

JNZ AGAIN

MOV SI, OFFSET LARGEST

MOV (SI), AL

MOV AH, 4 CH

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Question no.: 9.3 (B)

INT 21 H

CODE ENDS

END START