•	ours) Total (1) Question No.1 is compulsory. (2) Attempt any three questions from the remaining five questions. (3) Make suitable assumptions wherever necessary but justify your a	al Marks:
Q1	Solve any Four out of Six	
A	Explain Evolution of computers in detail	05
В	explain following instructions	05
C	a) DAA b) CMP c) SHR d) AAM e) LOOP Give 2's complement of -28 in 16 bit representation	05
D	Give different types of interrupts of 8086.	05
E	Write a note on nano programming	05
F	Differentiate between RISC and CISC machines.	05
Q2	The state of the s	
A B	Explain the Von Neuman architecture concept in detail. Explain Architecture of 8086 in detail	10 10
Q3		
A B	Give flowchart for Booths algorithm and solve for -3*-9 A block set associative Cache consists of total of 128 cache block with blocks per set. Main memory contains 4k blocks with 16 words/block. Show memory mapping and partition address in TAG, SET, WORD bit	10
Q4		
A	Write an assembly language program to count the number of 0's and 1'	s in 10
В	a given 8 bit number. Differentiate between Program I/O and I/O mapped I/O	10
D	Differentiate between Frogram 1/O and 1/O mapped 1/O	10
Q5		
Α	Explain Flynn's Classification in detail.	10
В	Write a note on Interrupt driven I/O.	10
Q6		
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A B	Explain register organization of CPU in detail. Explain cache architecture and consistency policies	10 10

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