Seat No. _____

BACHELOR OF COMPUTER APPLICATION Examination

BCA Semester - 2 JUNE 2024 (NEP) JUNE - 2024

CS-13: COMPUTER ORGANIZATION & ARCHITECTURE

Faculty Code : 003

Subject Code : 23SI-BCAP-SE-02-02001

Time : 1 Hours] **[Total Marks : 25**

Q.1 (A)	What is Gates? Explain Basic Logic Gates.	5
Q.1 (B)	What is Flip Flop? Explain SR-Flip Flop.	5
	OR	
Q.1 (A)	Write Difference between Combinational Circuit and Sequential Circuit	5
Q.1 (B)	Explain JK Flip Flop With Example	5
Q.2 (A)	Explain Major Component of CPU	5
Q.2 (B)	Explain Memory Stack in brief.	5
	OR	
Q.2 (A)	Explain Interrupts in brief.	5
Q.2 (B)	Explain ALU in brief.	5
Q.3	What is DMA? Explain DMA Controller with registers.	5
	OR	
Q.3	Explain Input-output processor (IOP) in brief.	5

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