



2301-BCAP-SE-02-02001

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 : 2301-BCAP-SE-02-02001

Time : 1 Hours]

[Total Marks : 25

- JAM010151868
- 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
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- 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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