



24CS-BCAP-SE-02-02001

Seat No. _____

BACHELOR OF COMPUTER APPLICATION-CS Examination
BCA - CS SEMESTER-2 APRIL 2026 (NEP) APRIL - 2026
CS-13: COMPUTER ORGANIZATION & ARCHITECTURE

Faculty Code : 11

Subject Code : 24CS-BCAP-SE-02-02001

Time : 1 Hours]

[Total Marks : 25

- Q.1 Attempt any two of the following. 10
- (1) What is Gate? Explain types of Gate.
 - (2) Difference between Combinational circuit and Sequential circuit.
 - (3) Explain K-map with its types.
 - (4) What is Flip-Flop? Explain types of Flip-Flop in brief.
- Q.2 Attempt any two of the following. 10
- (1) Write a short note on General Register Organization.
 - (2) Explain major components of CPU.
 - (3) What is Interrupt? Explain types of Interrupt.
 - (4) Explain Stack Organization.
- Q.3 Attempt any one of the following. 5
- (1) Explain DMA controller.
 - (2) Write a note on IOP.

::: END OF EXAM :::