

# BIYANI GIRLS COLLEGE

Mid Term Examination 2025

Class: BCA-II Semester

Subject- Computer Architecture (BCA-52T-115)

MM: 50

Time: 1.5 Hrs.

**[A.] Very Short Questions.**

**(5\* 2 = 10)**

1. What is Computer Architecture?
2. What is Digital Computer?
3. Create a block diagram of digital computer?
4. Write Boolean algebra operations.
5. What is Boolean algebra? Explain shortly laws of Boolean algebra.

**[B] Short Questions.**

**(4\* 10 =40)**

1. What is logic gates? Explain its types.
2. Explain half adder and full adder.
3. What is flip flop? Explain SR flip flop and JK flip flop.
4. Explain Boolean theorems with truth table.