

**KANDI RAJ COLLEGE
BSC SEM II
(COMPUTER SCIENCE)
ASSIGNMENT**

TIME -1 HR

ANSWER ANY FIVE:

(5X4=20)

1. State and prove De Morgan's Law.
2. Explain principal of Duality by means of an algebraic expression.
3. Define Boolean Algebra.
4. Write down the rules of subtraction by 2's complement by means of an example.
5. Briefly describe RISC and CISC architecture.
6. Briefly describe Universal Gate or Exclusive OR Gate.
7. Differentiate between Combinational circuit and Sequential circuit.