

Digital Logic (BIT 103) Practical Report Manual:

1) Report should be written in A4 size paper

2) Question / Title:

3) Objectives:

4) Requirements:

- i) Digital Logic Kit and Simulator
- ii) Logic gates/Logic Circuit
- iii) Connecting wires
- iv) Interactive/ Sequence generator as input
- v) LED as Output

5) Theory

- i) Introduction
- ii) Functional Expression/Logic Expression
- iii) Circuit Diagram
- iv) Truth Table

6) Conclusion

Practical.1. Realize three input AND, OR, NAND and NOR gates with logic diagram and truth table.

i) AND Gate: