

AI-1156 CV-19
B.Sc. Part-II
Term End Examination, Jun-2021
Information Technology
Paper-

Maximum Marks- 50
Minimum Passing marks-

Time:- Three Hours

Time नोट : सभी प्रश्नों के उत्तर दीजिए। सभी प्रश्नों के अंक समान हैं।

Note : Answer all questions. All Questions carry equal marks.

Unit-I

1. Explain Binary octal and hexadecimal number system along with suitable example.

OR

What is meant by karanaugh, explain along with suitable example.

Unit-II

2. What is flip-flop, What are the types of flip-flop? Explain.

OR

Write short notes on:-

- a. Half adder
- b. Encoder and Decoder

Unit-III

3. a. Compare a stable and mono stable multi vibrators?
b. RTL

OR

What is latch and its types? Explain.

Unit-IV

- 4- Explain Various addressing modes.

OR

Write short notes on:-

- a. DMA
- b. Instruction format

Unit- V

4. What is meant by VIRTUAL MEMORY? Explain.

OR

Differentiate between MAIN MEMORY and Secondary memory. Discuss types of MAIN MEMORY.