

CD-2655

B.Sc. (Part-I)

EXAMINATION, 2020

COMPUTER SCIENCE

(Old Course)

Paper First

(Computer Hardware)

Time : Three Hours

Maximum Marks : 50

Note: *Attempt all the five questions. One question from each Unit is compulsory. All questions carry equal marks.*

Unit-1

1. What is Operating System ? Explain different types of Operating System.

OR

Explain difference between procedural oriented language and object oriented programming language.

[P.T.O.]

Unit-2

2. What is Universal Gate ? Explain by giving boolean expressions.

OR

Write short notes on : (Any two)

- (1) Grey Code
- (2) Excess 3 Code.

Unit-3

3. Explain propagation delay and noise immunity.

OR

Explain the working of RTL.

Unit-4

4. Explain multiplexers in detail.

OR

Explain encoder and decoder.

Unit-5

5. What is Memory ? Explain different types of memory.

OR

Explain binary counter.