Roll No. ....

ED–2655

B. Sc. (Part I) EXAMINATION, 2021

COMPUTER SCIENCE

Paper First

(Computer Fundamentals)

Time : Three Hours

Maximum Marks : 50

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

Unit—I

1. Explain digital and analogue computer and its evolution.

    10

Or

What do you meant by Computer ? Explain the major component of digital computer.

Unit—II

2. Explain the architecture of Intel 8085 microprocessor. 10

Or

Explain the instruction cycle fetch and execute operation.

Unit—III

3. Explain Secondary, cache and virtual memory. 10

P. T. O.

Or

Explain memory hierachy in brief.

Unit—IV

4. What is raster scan and vector scan method ? Write the difference between Raster scan and vector scan method.

10

Or

Write short notes on the following :

(i) Microcontroller

(ii) Arithmetic processor

Unit—V

5. What do you meant by Software ? Explain difference between application software and system software.   10

Or

Write short notes on the following :

(a) Programming Techniques

(b) Debugging of programms

ED–2655