Computer Science [Honours]
[CBCS]
B.Sc. Fifth Semester End Examination-2023
(Regular & Supplementary Paper)
Practical
PAPER-DSE1P

Full Marks: 20   *Time: 02 Hrs*

The figures in the right hand margin indicate marks
. Candidates are required to give their answers in their own words as far as practicable
Illustrate the answers wherever necessary

Answer any one question   **1x15= 15**

1. a) Find Two's complement of 16 bit number.

    b) Subtraction of two 8 bit numbers.   8+7

2. a) Show the addition of two 8 bit numbers: sum 8bits.

    b) Find Two's complement of an 16 bit number.   7+8

3. Find the product of two 8 bit numbers and show result which is also 8 bit.   15

4. a) Shift a 16 bit number by 1 bit.

    b) Perform the addition of first Nine natural numbers. 6+9

5. a) Find Greater of two numbers.

    b) Shift a 16 bit number by 2 bit   7+8

6. a) Find 1's complement of an 8 bit number.

     b) Find smaller of two numbers.   7+8

7. Find smallest of n number.   15

8. Calculate square of a number from look up table.   15

9. Addition of two 8-bit numbers: sum 16 bits.   15

10. Check whether a given hexadecimal number even or odd.   15

11. Addition of 16-bit numbers: sum of 16 bits or more.   15

Viva – 03

PNB - 02