

2022

## Computer Science

[HONOURS]

(CBCS)

(B.Sc. Fifth Semester Practical End Examination-2022)

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) Addition of two 8-bit numbers; sum 8-bits.  
b) Find Two's complement of an 8-bit number. 8+7
2. a) Addition of two 8-bit numbers; sum 16-bits.  
b) Find one's complement of a 16-bit numbers. 9+6
3. Addition of two 16-bit number; sum 16-bits or more
4. a) Subtraction of two 8-bit numbers.  
b) Find one's complemen of 8-bit numbers. 8+7
5. Find square from lookup table.
6. To arrange series of number in ascending order.
7. To find larger of two numbers.
8. Find Two's complement of a 16-bit number.

**VIVA – 03**

**PNB - 02**