BACHELOR OF SCIENCE (COMPUTER SCIENCE) (CBCS - 2018 COURSE)
S.Y.B.Sc.(Computer Science) Sem-III : WINTER- 2022
SUBJECT : PROGRAMMING IN PYTHON

Day : Tuesday

Time : 10:00 AM-01:00 PM

Date : 20-12-2022   **W-20102-2022**   Max. Marks : 30

N. B. :
   1)   All questions are **COMPULSORY**.
   2)   Figures to the right indicate **FULL** marks.

Q.1 **a)** Write a program to print sum of first five natural numbers using for loop.   **(05)**

   b) Write a program to print table of given number using while loop.   **(05)**

OR

What is object oriented programming? Explain inheritance with example.   **(10)**

Q.2   Attempt **ANY TWO** questions from the following :   **(10)**

   a) Write features of python programming language. Explain python syntax, variable declaration and Input / Output functions with example.

   b) Write any five string functions with example.

   c) Define constructor .write a program to implement constructor.

Q.3   Write short notes on : **(Any TWO)**   **(10)**
   a) Tuple
   b) Random numbers
   c) Functional programming tools

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