[6439]-230

T.Y. B.Com.

355 A Voc : COMPUTER APPLICATIONS - I

(2019 Pattern) (CBCS) (Semester - V) (Vocational)

Time : 2½ Hours]   *[Max. Marks : 50*

Instructions to the candidates:

1) *All questions are compulsory.*
2) *Figures to the right indicate full marks.*

Q1) a)   Fill in the blanks :   **[5]**

    i)   ___ ____ arithmetic operator is used to display remainder.

       a)   +   b)   –

       c)   *   d)   %

    ii)   _____ is used to create an empty set in Python.

       a)   set ()   b)   ()

       c)   []   d)   {}

    iii)   _____ is the maximum possible length of python.

       a)   79 characters   b)   33 characters

       c)   24 characters   d)   Can be of any length

    iv)   Python language was developed in _____ year.

       a)   1989   b)   1995

       c)   1986   d)   1999

    v)   A block of code is designed using _____.

       a)   Key   b)   Brackets

       c)   Indentation   d)   Variables

b) Match the following : **[5]**

    i) Not equal to operator   a) /

    ii) Multiplication Operator   b) //

    iii) Exponential Operator   c) <>

    iv) Division Operator   d) **

    v) Floor Division Operator   e) *

Q2) **Write Short Notes on (Any 2) :** **[10]**

a) *for* Loop

b) Data types in Python

c) Characteristics of Python

Q3) **Answer the following (Any 4) :** **[20]**

a) Explain *if* _____ *else* statement with syntax and example.

b) Write a python program to calculate simple interest.

c) Explain Tuple data type with example.

d) Write a python program to display factorial of a number.

e) Explain *while* loop in python with syntax and example.

Q4) **Answer the following (Any 1) :** **[10]**

a) Explain *continue* and *pass* statements with syntax and example.

b) Explain any four types of operators in python.

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