

1314

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- (b) Show how try...except blocks is used for exception handling in Python with example. (5)
- (c) What is the Purpose of the Pass Statement? Illustrate with example. (5)

[This question paper contains 8 printed pages.]

Your Roll No.....

Sr. No. of Question Paper : 1314

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Unique Paper Code : 6202451101

Name of the Paper : Programming using Python

Name of the Course : B.Voc.

Semester : I

Duration : 2 Hours

Maximum Marks : 60

**Instructions for Candidates**

1. Write your Roll No. on the top immediately on receipt of this question paper.
2. Attempt total 4 questions. Q1 is compulsory to attend. Rest, Attempt any 3 questions more. (15×4=60)

1. (a) Name the Python Library modules which need to be imported to invoke the following functions :

(i) sqrt()

(ii) dump()

(2)

(500)

P.T.O.

- (b) Out of the following, find the identifiers, which cannot be used for naming Variable or Functions in a Python program : (2)

`_Cost`, `Price*Qty`, `float`, `switch`, `Address one`, `Delete`, `Number12`, `do`

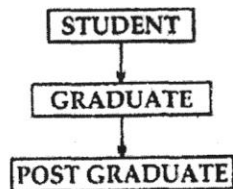
- (c) Which string method is used to implement the following : (2)

(i) To check whether given character is letter or a number.

(ii) To change lowercase to uppercase letter.

- (d) Write for statement to print the series 10,20,30, ....., 300. (2)

- (e) Consider the figure given below and answer the questions that follows : (3)



5. To add a new element to the list, we use which command?

(i) `list1.add (5)`

(ii) `list1.append (5)`

(iii) `list1.addLast (5)`

(iv) `list1.addEnd (5)`

- (b) Short notes : (2.5×2=5)

(i) Describe module in Python with its advantages?

(ii) Explain different modes of opening a file.

5. (a) Explain different categories of operators used in python each with the help of an example.

(10)

(b) Design a python program which will throw exception if the value entered by user is less than zero. (5)

6. (a) Illustrate the use of method overriding? Explain with example. (5)