

**RAN-2308000601031001****F.Y.B.Com. (Sem. I) Examination November - 2025****Minor - Python Programming-I****Time: Hours]****[Total Marks: 25****સૂચના : / Instructions**

(1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.

Fill up strictly the above details on your answer book.

Seat No.:

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Student's Signature

Q.1. Short Questions: (Any 5)**(10)**

1. What is algorithm and flowchart?
2. What is use of range() in for loop?
3. How can you create a list in python?
4. What is an operator? List out Python assignment operators.
5. What is comment? How to add comment in Python program?
6. What is Compiler and Interpreter?
7. What is an output of following code.

```
S1 = "VNSGU"
print (S1[::-1])
print (S1[:2])
```

Q.2. (a) Write a short note on python conditional statement.**(08)**(b) Write a python program to check whether given year is leap year or not.
Also draw a flowchart of same.**(07)****OR****Q.2. Write following answers: (Any 3)**

1. Write about Python built-in and UDF. Explain any two string functions.
2. Write a note on Python arithmetic operator and logical operator.
3. Explain while loop with example.
4. Write about datatype of Python.