

Roll No.: \_\_\_\_\_

Enrollment No.: \_\_\_\_\_

Vadodara Institute of Technology  
Diploma- 1, Sem-1, Class Test-2

Subject: Python  
Time: 10:30 to 11:15 am

Subject Code: DI01016011  
Discipline: IT

Date: 10-11-2025  
Total Marks: 20

Instructions:

1. Attempt any two questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

Sr.no	Question	Marks
Q1.	(a). Explain the purpose of the if statement in Python with an example..	04
	(b). Describe break, continue, and pass statements in Python. Write a short program demonstrating all three.	06
Q2	(a). What is the difference between for loop and while loop? Provide suitable examples.	04
	(b). What is a nested list? Explain with examples. Write a Python function that accepts a nested list as an argument and prints all elements.	06
Q3	(a) What is meant by a local and global variable? Write examples to show the difference.	04
	(b) What is string traversal? Explain any two string methods with proper examples.	06

\*\*\*\*\*BEST OF LUCK\*\*\*\*\*

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