Roll No.:_____   Enrollment No.:_____

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

Subject:Python   Subject Code: DI01016011   Date: 18-09-2025
Time: 10:30 to 11:15 am   Discipline: IT   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). List and explain any four characteristics of a good algorithm.	04
	(b). Write a pseudocode to show money withdrawal process from an ATM.	06
Q2	(a). State two advantages and two limitations of flowcharts in problem solving.	04
	(b). Write the basic structure of a Python program. Also, explain the role of comments, keywords, identifiers, and variables with examples.	06
Q3	(a). Mention any four important features of Python programming.	04
	(b). Draw a flowchart to find largest of 3 numbers.	06

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