



B.Tech V Semester Regular/Supplementary Examinations, February 2024
PYTHON PROGRAMMING
(CSE)

Maximum Marks: 70

Date:17.02.2024 Duration: 3 hours

- Note: 1.This question paper contains two parts A and B.
2. Part A is compulsory which carries 20 marks. Answer all questions in Part A.
3. Part B consists of 5 Units. Answer any one full question from each unit.
4. Each question carries 10 marks and may have a, b, c, d as sub questions.

Part-A		CO	Bloom Tx
All the following questions carry equal marks (10X2M=20 Marks)			
1	List any 6 keywords present in Python.	CO1	L1
2	How to accept Multiple inputs from user in Python?	CO1	L1
3	What are membership operators? Give examples for usage.	CO2	L1
4	Distinguish Continue and break Statements.	CO2	L4
5	List the properties of dictionary in python.	CO3	L1
6	Define Anonymous Function.	CO3	L1
7	Define Package. List any 4 Packages available in Python.	CO4	L1
8	Enumerate the various methods for importing a package in Python.	CO4	L1
9	What is the significance of the "self" variable in Python, particularly in the context of object-oriented programming?	CO5	L2
10	Explain the purpose of the "try-except" block in Python.	CO5	L2
Part-B			
Answer All the following questions. (5X10M=50Marks)		CO	
11	Explain Variables and identifiers in detail with examples. [10M]	CO1	L2
OR			
12	Explain the procedure to Run Python scripts. [10M]	CO1	L2
13	Write a python code to accept 3 digit number from the user and check whether it is an Armstrong or not. [10M]	CO2	L3
OR			
14	Illustrate the usage of Python control statements with appropriate examples. [10M]	CO2	L2
15	List and explain different types of arguments in functions. [10M]	CO3	L3
OR			
16	(a) What is List in Python and explain its features & methods? [5M] (b) Write a python code to append elements into an existing list. [5M]	CO3	L3
17	(a) Discuss different functions available in Numpy. [5M] (b) List and explain different data structures available in Pandas. [5M]	CO4	L3

	OR		
18	(a) Write a Python code to copy the content of one file to another file. [5M] (b) Define package. With a program illustrate the implementation of packages. [5M]	CO4	L3
19	Define Constructor method. Write an Example Program to demonstrate Constructor. [10M]	CO5	L3
	OR		
20	(a) Differentiate between Error and Exception. [5M] (b) Define User defined Exception. Write the syntax for creating a user defined Exception in Python. [5M]	CO5	L4