

Code No:9FC02

Date: 08-August-2024 (T.N)

B.Tech II-Year II- Semester External Examination, August-2024 (Regular)

PYTHON PROGRAMMING (CSE,IT,ECM,CS,IOT)

Time: 3 Hours

Max.Marks:60

Note: a) No additional answer sheets will be provided.
b) All sub-parts of a question must be answered at one place only, otherwise it will not be valued.
c) Missing data can be assumed suitably.

Bloom's Cognitive Levels of Learning (BCLL)

Remember	L1	Apply	L3	Evaluate	L5
Understand	L2	Analyze	L4	Create	L6

Part - A

Max.Marks: 6x2=12

ANSWER ALL QUESTIONS, EACH QUESTION CARRIES 2 MARKS.

	BCLL	CO(s)	Marks
1 List the various Data types in python.	L1	CO1	[2M]
2 Define a function.	L1	CO2	[2M]
3 Define a module.	L1	CO3	[2M]
4 Define Inheritance and its types.	L1	CO4	[2M]
5 Mention the use of chdir() method.	L1	CO5	[2M]
6 Describe few important aspects of Tkinter module.	L2	CO6	[2M]

Part – B

Max.Marks: 6x8=48

ANSWER ALL QUESTIONS. EACH QUESTION CARRIES 8 MARKS.

	BCLL	CO(s)	Marks
7. Write a python code to find the roots of a quadratic equation. OR	L1	CO1	[8M]
8 Explain the various conditional statements and control statements in python using example code.	L2	CO1	[8M]
9. Explain the concept of strings and its method in detail. OR	L2	CO2	[8M]
10 Write a python code to count the number of occurrences of each number in a given list of numbers.	L3	CO2	[8M]
11 Explain the various keywords used for exception handling with example code. OR	L2	CO3	[8M]
12 Explain few methods in Math module with example code.	L2	CO3	[8M]
13 Explain match function and search function in regular expressions with suitable examples. OR	L2	CO4	[8M]
14 Write a Python code to illustrate concept of over loading and overriding with example.	L1	CO4	[8M]
15 List and Explain file functions in python. OR	L1	CO5	[8M]
16 Write a python code to copy contents of one file to another.	L3	CO5	[8M]
17 Explain in detail the applications of Scipy and plotpy. OR	L2	CO6	[8M]
18 Explain briefly Tkinter widgets with an example.	L2	CO6	[8M]

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