

Code No: 7FC03

Date: 18-Oct-2021 (Fri)

B.Tech II-Year I- Semester External Examination, Sept/Oct-2021 (Supplementary)
PYTHON PROGRAMMING (CSE and IT)

Time: 3 Hours

Max.Marks:70

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.

ANSWER ANY 5 OUT OF 8 QUESTIONS. EACH QUESTION CARRIES 14 MARKS.

Bloom's Cognitive Levels of Learning (BCLL)

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

		BC LL	CO(s)	Marks
1.	a) List out various Operators in Python3.	L1	CO1	[7M]
	b) Develop an application with conditional statements to compute the Power bill slab in Python.	L4	CO1	[7M]
2.	a) Use Python Tuples to create 8 UG Course names offered and display the position of 'CIVIL'.	L3	CO2	[7M]
	b) Utilize Dictionaries in Python with Key→Company Name and Value→{LOC,CTC,CGPA} display the top CTC offered Company.	L4	CO2	[7M]
3.	a) Develop a script to handle section limit in the course (240) with the help of User Defined Exception Handling in Python.	L4	CO3	[7M]
	b) Compute the Placement Result by importing Coding Score, GD and HR Scores from various modules.	L2	CO3	[7M]
4.	a) Illustrate the usage of Sports Score and Academic Score from Class A into Class B list out the eligible persons to promote to higher Semester who are having less than 60%. *Sports 1 Point= 3% attendance.	L4	CO4	[7M]
	b) Outline the Concept of Inheritance with examples.	L4	CO4	[7M]
5.	a) Illustrate the concept of File Handling with Example in Python.	L4	CO5	[7M]
	b) Classify various Operations of the Directories in Python and Explain in Detailed.	L3	CO5	[7M]
6.	a) Demonstrate the Usage of line and scatter plots using PlotPy.	L3	CO6	[7M]
	b) Develop a script to explain arrays with built-in functions of Python numpy.	L2	CO6	[7M]
7.	a) List out the usage of break and continue in Python.		CO1	[5M]
	b) Explain at least three methods associated with Dictionaries in Python.	L2	CO2	[5M]
	c) Design a Python Script to display the less attendance members in a section with User defined Exception? *Minimum Attendance is 70%	L4	CO3	[4M]
8.	a) Demonstrate the Usage of Search Functions in Python with Examples.	L3	CO4	[5M]
	b) Determine the applicability of Various Directories Methods available in Python.	L5	CO5	[5M]
	c) Design an application to List the companies visited to Sreenidhi along with corresponding Placements Using Tkinter Widgets.	L4	CO6	[4M]