**FA-3**

**Which of the following tool provides a GUI in python**

1. Numpy
2. Tkinter
3. Scikit

**Config() in tkinter is used for?**

1. Change property of widget
2. place the widget
3. destroy the widget

**Creating line comes in which widget**

1. label
2. button
3. Canvas

**Essential function used to create tkinter window is**

1. tk()
2. mainloop()
3. window()

**fg in tkinter widget stands for?**

1. background
2. foreground
3. backcolor

**For user to enter a long set of data we use?**

1. Entry
2. Label
3. Text

**For what purpose do we use bg in widget**

1. to change the border
2. to change the text
3. to change the background

**Which keyword do we use to to call the tkinter libarary to the program**

1. import
2. call
3. def

**GUI stands for**

1. Graphical User Interact
2. Graphical User Interface
3. Graphic Use Interface

**How do pack() function work?**

1. According to x, y coordinates
2. According to rows and columns
3. According to left, right, up and down

**Suppose list1 is [2445,133,12454,123], what is max(list1)?**

1. 2445
2. 12454
3. 123

**Suppose list1 is [4, 2, 2, 4, 5, 2, 1, 0], Which of the following is correct syntax for slicing operation?**

1. print(list1[2:])
2. print(list1(2:))
3. print(list1[2])

**Suppose list1 is [2, 33, 222, 14, 25], What is list1[:-1]?**

1. 25
2. Error
3. [2, 33, 222, 14]

**What will be the output of the following Python code?**

**>>>names = ['Amir', 'Bear', 'Charlton', 'Daman']**

**>>>print(names[-1][-1])**

1. n
2. Error
3. Daman

**What will be the output of the following Python code?**

**names1 = ['Amir', 'Bear', 'Charlton', 'Daman']**

**names2 = names1**

**names3 = names1[:]**

**names2[0] = 'Alice'**

**names3[1] = 'Bob'**

**sum = 0**

**for ls in (names1, names2, names3):**

**if ls[0] == 'Alice':**

**sum += 1**

**if ls[1] == 'Bob':**

**sum += 10**

**print sum**

1. 11
2. 12
3. 13

**Which of the following is a Python tuple?**

1. {1, 2, 3}
2. [1, 2, 3]
3. (1, 2, 3)

**t=(1,2,4,3)**

**t[1:3]**

1. (1, 2)
2. (1, 2, 4)
3. (2, 4)

**t = (1, 2, 4, 3, 8, 9)**

**[t[i] for i in range(0, len(t), 2)]**

1. [1, 4, 8]
2. [2, 3, 9]
3. [1, 2, 4, 3, 8, 9]

**What will be the output of the following Python code?**

**d = {"john":40, "peter":45}**

1. d["john"]
2. “john” 40
3. “peter”

**What will be the output of the following Python code?**

1. t1 = (1, 2, 4, 3)
2. t2 = (1, 2, 3, 4)
3. t1 < t2 None TRUE FALSE

**Which of these about a set is not true?**

1. Immutable data type
2. Data type with unordered values
3. Allows duplicate values

**Which of the following statements is used to create an empty set?**

1. {}
2. set()
3. []

**What will be the output of the following Python code?**

**a={5,4}**

**b={1,2,4,5}**

**a<b**

1. TRUE
2. FALSE
3. Not Sure

**If a={5,6,7,8}, which of the following statements is false?**

1. print(min(a))
2. a.remove(5)
3. a[2]=45

**What will be the output of the following Python code?**

**a={4,5,6}**

**b={2,8,6}**

**a+b**

1. {4,5,6,2,8,6}
2. Error as unsupported operand type for sets
3. {4,5,6,2,8}