Python Basics

1. Why python’s popularity more than other programming languages?
   1. It is useful for desktop application
   2. It support object oriented programming
   3. It has lot of libraries
   4. It is very easy to learn
   5. All of above
   6. None of above

Variables, Loops and control Structure

1. How can we create variable to store integer 10, in python programming?
   1. var a = 10
   2. int32 a = 10
   3. a =10
   4. int a = 10
2. “Python programming language support else in for loop”, True/False?
   1. True
   2. False
3. What will be output of following code?

If(2!=2):

print(“One”)

elif(3!=3):

print(“Two”)

else:

print(“Three”)

* 1. One
  2. Two
  3. Three
  4. Blank

1. Which of following is correct for loop in python?
   1. for a in range(10): pass
   2. for a in range(10,20): pass
   3. for a in range(10,20,5): pass
   4. all of above

List and Dictionaries

1. Which of following is a method to append element in a list?
   1. List.add()
   2. append()
   3. List.append()
   4. None of above
2. Which of following is a method to insert element at specified location in python list?
   1. list.insert()
   2. insert(list)
   3. list.insert\_at\_location()
   4. None of above

Functions and Object oriented Programming

1. “Function in python can return multiple values”, True/False?
   1. True
   2. False
2. Which of following keyword is used to create function in python?
   1. definition
   2. def
   3. function
   4. procedure
3. How we create constructor in python?
   1. Using \_\_init\_\_
   2. Using \_\_main\_\_
   3. Using \_\_Class\_\_
   4. None of above
4. How does python supports polymorphism?
   1. By method overloading
   2. By method overriding
   3. All of above
   4. None of above

Numpy

1. Which of following is a method to create numpy array?
   1. numpy.array()
   2. numpy.zeros()
   3. numpy.ones()
   4. All of above
2. Consider a = np.array([1,1,2,2,3,4,5,4]), which of following will select all elements greater than 2?
   1. a(a>1)
   2. a[a>1]
   3. a[a>2]
   4. a(a>2)

Pandas

1. Which of following function is used to read csv file in pandas?
   1. read\_csv()
   2. read\_file()
   3. read()
   4. None of above
2. Which of following is correct way to import pandas?
   1. import pandas
   2. import pandas as pd
   3. import pd as pandas
   4. All of above