1.Which of these is a core data type?

a).List

b).Tuple

c).Dictionary

d).All of these

2. What datatype is the object below ?

L = [1, 23, ‘hello’, 1]

a)Dictionary

b)List

c)Tuple

d)Array

3. "What gets printed?

x = True

y = False

z = False

if x or y and z:

print ("yes")

else:

print ("no")

a)Yes

b) No

c)Fails to compile

4. Which of the following function convert a String to a list in python?

a) repr(x)

b) eval(str)

c) tuple(s)

d) list(s)

5. Which of the following function convert a sequence of tuples to dictionary in python?

a) set(x)

b) dict(d)

c) frozenset(s)

d) chr(x)

6. Which of the following function checks in a string that all characters are digits?

a) shuffle(lst)

b) capitalize()

c) isalnum()

d) isdigit()

7. What is the following function inserts an object at given index in a list?

a) list.index(obj)

b) list.insert(index, obj)

c) list.pop(obj=list[-1])

d) list.remove(obj)

8. Which of the following function sets the integer starting value used in generating random numbers?

a)choice(seq)

b) randrange ([start,] stop [,step])

c) random()

d) seed([x])

9. To open a file c:\scores.txt for reading, we use

a) infile = open(“c:\scores.txt”, “r”)

b) infile = open(“c:\\scores.txt”, “r”)

c) infile = open(file = “c:\\\scores.txt”, “r”)

d) infile = open(file = “c:scores.txt”, “r”)

10. What happens when ‘1’ == 1 is executed?

a) we get a True

b) we get a False

c) an TypeError occurs

d) a ValueError occurs

11. What does the following code output?

s = 'ABC'

n = 1

for c in s:

print(c \* n)

n += 1

A. A

B

C

B. A B C

C. A

BB

CCC

D. A BB CCC

E. 1 4 9

12.

Python is a(n):

A. C++ library

B. compiler

C. integrated developer environment (IDE)

D. programming language E. web browser

13 . An array in C++ is best compared to which data structure in Python?

A. class

B. dictionary

C. float

D. list

E. range

14. What does the following code print?

fibonacci = [1, 1, 2, 3, 5, 8, 13, 21]

print(fibonacci[1:3])

A. [1, 1, 2, 3]

B. [1, 2, 3]

C. [1, 2]

D. [1, 1, 2]

E. [1, 2, 3, 5, 8, 13, 21]

15. What will be the output of the following Python code?

print (r"\nhello")

a) a new line and hello

b) \nhello

c) the letter r and then hello

d) error