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. To open a file c:\scores.txt for appending data, we use

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

b) outfile = open(“c:\\scores.txt”, “rw”)

c) outfile = open(file = “c:\scores.txt”, “w”)

d) outfile = open(file = “c:\\scores.txt”, “w”)

11) The readlines() method returns

a) str

b) a list of lines

c) a list of single characters

d) a list of integers

12) How many except statements can a try-except block have?

a) zero

b) one

c) more than one

d) more than zero

14. 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

15. What does os.name contain?

a) the name of the operating system dependent module imported

b) the address of the module os

c) error, it should’ve been os.name()

d) none of the mentioned

16. What does os.getlogin() return?

a) name of the current user logged in

b) name of the superuser

c) gets a form to login as a different user

d) all of the above

17) Which of the following returns a string that represents the present working directory?

a) os.getcwd()

b) os.cwd()

c) os.getpwd()

d) os.pwd()

18. Which module in Python supports regular expressions?

a) re

b) regex

c) pyregex

d) none of the mentioned

19. Which of the below library is used to work in spreadsheets?

1) excel

2)spreadsheet

3)opensheet

4)openpyxl

20. How do we install third party library?

a) downloadpip

b)pythonpip

c)pip

d)cpan

21. Which function from the options given below can read the dataset from a large text file?

a) read\_json

b) read\_pickle

c) read\_hdf

d) read\_csv

22. Which among the following options can be used to create a DataFrame in Pandas?

a) A scalar value

b) An ndarray

c) A python dictionary

d) All the above

23. A series is a one-dimensional array which is labelled and can hold any data type.

a) True

b) False

24. Which of the following can be used to make a Dataframe?

a) Series

b) DataFrame

c) Structured ndarray

d) All of the above

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

l=[1,2,3,4,5]

[x + 1 **for** x **in** l]

a) [1, 1, 1, 1, 1]

b) [1, 0, 1, 0, 1]

c) [1, 0, 0, 0, 0]

d) [2, 3, 4,5, 6]