Software Design
demo

Code:	rn4

Response Table

1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										

1. Is the following Python code valid?

```
try:
    # Do something
except:
    # Do something
finally:
    # Do something
```

    1. no, there is no such thing as finally
    2. no, finally cannot be used with except
    3. no, finally must come before except
    4. yes

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

```
try:
    if '1' != 1:
        raise "someError"
    else:
        print("someError has not occurred")
except "someError":
    print ("someError has occurred")
```

    1. someError has occurred
    2. someError has **not** occurred
    3. invalid code
    4. none of the mentioned

3. What will be the output of the following code?

```
minidict = { 'name': 'TutorialsPoint', 'name': 'website'}
print(minidict['name'])
```

    1. TutorialsPoint
    2. Website
    3. ('TutorialsPoint', 'website')
    4. It will show an Error.

4. What should be given in range of the given below code to print nothing in output?

```
for i in range(?):
   print(i)
```

    1. 0.1
    2. 0
    3. NULL
    4. 1

5. Which of the following is required to create a new instance of the class?

    1. A constructor
    2. A class
    3. A value-returning method
    4. A None method

6. What is the output of **print str**[2:5] **if str** = 'Hello World!'?

    1. llo World!
    2. H
    3. llo

4. None of the above.

7. For tuples and list which is correct?

    1. List and tuples both are mutable.
    2. List is mutable whereas tuples are immutable.
    3. List and tuples both are immutable.
    4. List is immutable whereas tuples are mutable.

8. What is the output for:

    `'you are doing well'`[2:999]

    1. `'you are doing well'`
    2. `' '`
    3. Index error.
    4. `'u are doing well'`

9. What is the following function reverses objects of list in place?

    1. **list**.reverse()
    2. **list**.sort([func])
    3. **list**.pop(obj=**list**[−1])
    4. **list**.remove(obj)

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

    1. **list**.index(obj)
    2. **list**.insert(index, obj)
    3. **list**.pop(obj=**list**[−1])
    4. **list**.remove(obj)

11. What will be the output of the below given code?

```
colors = ["white", "Black", "Grey"]
x = "Red" not in colors
```

    1. Yes
    2. No
    3. Error: not in not defined
    4. True

12. Which of the following statements can be used to check, whether an object obj is an instance of class A or not?

    1. obj.**isinstance**(A)
    2. A.**isinstance**(obj)

3. **isinstance**(obj, A)
4. **isinstance**(A, obj)

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

    1. choice(seq)
    2. randrange ([start ,] stop [, step])
    3. random()
    4. seed([x])

14. What is output of following code:

```
num=3
while True:
    if (num%0o12 == 0):
        break
print(num)
num += 1
```

    1. 3 4 5 6 7 8 9 10 11 12
    2. 3 4 5 6 7 8 9
    3. 3 4 5 6 7 8 9 10 11
    4. None of the above

15. nfig() in Python Tkinter are used for

    1. destroy the widget
    2. place the widget
    3. change property of the widget
    4. configure the widget

16. rrect way to draw a line in canvas tkinter?

    1. line()
    2. canvas. create_line ()
    3. create_line (canvas)
    4. None of the above

17. Pylab is a package that combine _____, _____ and _____ into a single namespace.

    1. Numpy, scipy and matplotlib
    2. Numpy, matplotlib and pandas
    3. Numpy, pandas and matplotlib
    4. Numpy, scipy and pandas

18. What will be the output of the following code?

```
for i in ['t', 'n', 'i ', 'o', 'p'][::-1]:
    print(i)
```

    1. t n i o p
    2. p o i n t
    3. t n i o p 1 0 −1
    4. p o i n t 1 0 −1

19. What will be the output of the following code snippet?

```
class Sales:
    def __init__(self, id):
        self.id = id
        id = 100

val = Sales(123)
print (val.id)
```

    1. SyntaxError, this program will not run
    2. 100
    3. 123
    4. None of the above

20. What is the output of **print str** ∗ 2 **if str** = 'Hello World!'?

    1. Hello World!Hello World!
    2. Hello World! ∗ 2
    3. Hello World!
    4. None of the above.