Python-PrepTerm
Quiz

Code:	MT2020026

1. 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])

2. 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

3. What is the following function removes an object from a list?

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

4. Which of the following function converts a string to all lowercase?

    1. lower()
    2. lstrip ()
    3. **max**(**str**)
    4. **min**(**str**)

5. What happens in the below code?

```
class A:
    def __init__(self, i=100):
        self.i=i
class B(A):
```

```
    def __init__(self,j=0):
        self.j=j
def main():
    b= B()
    print(b.i)
    print(b.j)
main()
```

1. Class B inherits all the data fields of class A.
2. Class B needs an Argument.
3. The data field 'j' cannot be accessed by object b.
4. Class B is inheriting class A but the data field 'i' in A cannot be inherited.

6. 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

7. When is the finally block executed?

1. when there is no exception
2. when there is an exception
3. only if some condition that has been specified is satisfied
4. always

8. 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.

9. 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)

10. Which of the following function convert a string to a float in python?

    1. **int**(x [, base])
    2. **long**(x [,base])
    3. **float**(x)
    4. **str**(x)

11. Using the pack manager, how you can you put the components in a container in the same row?

    1. Component.pack(side= ''LEFT'')
    2. Component.pack(''Left '')
    3. Component.pack(side=LEFT)
    4. Component.pack(Left−side)

12. What is the output of the following code?

```
def nprint(message, n):
while(n > 0):
    print(message)
n−=1
nprint('z', 5)
```

    1. zzzz
    2. zzzzz
    3. Syntax Error
    4. Infinite Loop

13. 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'`

14. Analyze the code:

```
print("Recursive Function")
def factorial(n):
    return(n*factorial(n−1))
factorial(4)
```

    1. Recursive Function 24.
    2. Recursive Function.
    3. Function runs infinitely and causes a StackOverflowError.

4. Syntax Error.

15. Name the error that doesn't cause program to stop/end, but the output is not the desired result or is incorrect.

    1. Syntax error
    2. Runtime error
    3. Logical error
    4. All of the above

16. 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

17. 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

18. What is output for:

    a = ['hat', 'mat', 'rat']

    'rhyme'.join(a)

    1. ['hat','mat','rat','rhyme']
    2. 'hatmatratrhyme'
    3. ['hat mat rat rhyme']
    4. 'hatrhymematrhyme rat'

19. 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)

20. What will be the output of the code?

    z = ”Best website is Tutorials Point” z.find(”Tutorials”)

    1. 3
    2. 13
    3. 17
    4. 16