Python-PrepTerm
Quiz

Code:	MT2020010

1. Which of the following environment variable for Python contains the path of an initialization file containing Python source code?

   1. PYTHONPATH
   2. PYTHONSTARTUP
   3. PYTHONCASEOK
   4. PYTHONHOME

2. 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.

3. 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'

4. What is the output of the code?

```python
def f():
    try:
        return(1)
    finally:
        return(2)
k=f()
print(k)
```

   1. 1 2
   2. 2 1

    3. 2

    4. Error

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

print(type(1/2))

    1. <**class** 'float'>

    2. <**class** 'int'>

    3. NameError: '1/2'**is not** defined.

    4. 0.5

6. 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

7. 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.

8. 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

9. What is the following function compares elements of both dictionaries dict1, dict2?

    1. dict1.**cmp**(dict2)

    2. dict1.sort(dict2)

    3. **cmp**(dict1, dict2)

    4. None of the above.

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

    1. line ()

    2. canvas. create_line ()

    3. create_line (canvas)

    4. None of the above

11. Which of the following environment variable for Python is an alternative module search path?

    1. PYTHONPATH

    2. PYTHONSTARTUP

    3. PYTHONCASEOK

    4. PYTHONHOME

12. How to create a frame in Python?

    1. Frame = new.window()

    2. Frame = frame.new()

    3. Frame = Frame()

    4. Frame = window.new()

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

    1. lower()

    2. lstrip ()

    3. **max(str)**

    4. **min(str)**

14. 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

15. Which of the following function of dictionary gets all the keys from the dictionary?

1. getkeys()
2. key()
3. keys()
4. None of the above.

16. 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.

17. 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

18. 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

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**[2:5] **if str** = 'Hello World!'?

1. llo World!

2. H

3. llo

4. None of the above.