

Python-PrepTerm Quiz

Code:	MT2020514
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1. 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.
2. 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
3. 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)`
4. Syntax error in python is detected by _____ at _____
 1. compiler/ compile time
 2. interpreter/ run time
 3. compiler/ run time
 4. interpreter/ compile time
5. 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
6. What will be the output of the following Python code?
- ```
def foo(): try: return 1 finally: return 2 k = foo() print(k)
```
1. 1
  2. 2
  3. 3
  4. error, there is more than one return statement in a single try-finally block
7. Essential thing to create a window screen using tkinter Python?
1. call tk() function
  2. create a button
  3. To define a geometry
  4. All of the above
8. 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
9. 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
10. What is the following function returns item from the list with max value?
1. **cmp(list)**
 2. **len(list)**
 3. **max(list)**

4. `min(list)`
11. What is the output of the following code?
- ```
eval("1 + 3 * 2")
```
1. 1+6
  2. 4\*2
  3. 1+3\*2
  4. 7
12. 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
13. What is the following function gives the total length of the list?
1. `cmp(list)`
 2. `len(list)`
 3. `max(list)`
 4. `min(list)`
14. Which of the following environment variable for Python is an alternative module search path?
1. PYTHONPATH
 2. PYTHONSTARTUP
 3. PYTHONCASEOK
 4. PYTHONHOME
15. rect way to draw a line in canvas tkinter?
1. `line()`
 2. `canvas.create_line()`
 3. `create_line(canvas)`
 4. None of the above
16. 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

17. 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.

18. 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

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

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

20. What is the output of the code?

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

1. 1 2

2. 2 1
3. 2
4. Error