

Python-PrepTerm

Quiz

Code:	MT2020511
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1. Which of the following function convert a String to a list in python?

1. **repr**(x)
2. **eval**(str)
3. **tuple**(s)
4. **list** (s)

2. 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

3. 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

4. Which of the following statements are correct about the given code snippet?

```
class A:
    def _init_(self, i = 0):
        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 A, but the data field 'i' in A is not inherited.
 2. Class B inherits A, thus automatically inherits all data fields in A.
 3. When you create an object of B, you have to pass an argument such as B(5).
 4. The data field 'j' cannot be accessed by object b.
5. 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
6. 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
7. 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
8. 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
9. 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
10. 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
11. rect way to draw a line in canvas tkinter?
1. line()
 2. canvas.create_line()
 3. create_line(canvas)
 4. None of the above
12. 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.
13. 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
14. What is the output of the following code?
- ```
eval("1 + 3 * 2")
```
1. 1+6
 2. 4*2
 3. 1+3*2
 4. 7
15. What is the following function sorts a list?
1. `list.reverse()`
 2. `list.sort([func])`
 3. `list.pop(obj=list[-1])`
 4. `list.remove(obj)`
16. 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.
17. Syntax error in python is detected by _____ at _____
1. compiler/ compile time
 2. interpreter/ run time
 3. compiler/ run time
 4. interpreter/ compile time
18. What is output for `min("hello world")`
1. e
 2. a blank space character
 3. w
 4. None of the above.
19. 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)`
20. 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.