

# Python-PrepTerm

## Quiz

<b>Code:</b>	MT2020169
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1. Syntax error in python is detected by \_\_\_\_\_ at \_\_\_\_\_

1. compiler/ compile time
2. interpreter/ run time
3. compiler/ run time
4. interpreter/ compile time

2. 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.

3. 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

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. 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.
6. 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)
7. rect way to draw a line in canvas tkinter?
1. line()
  2. canvas.create\_line()
  3. create\_line(canvas)
  4. None of the above
8. What is the output of **print** tinylist \* 2 **if** tinylist = [123, 'john']?
1. [123, 'john', 123, 'john']\lnewline
  2. [123, 'john'] \* 2\lnewline
  3. Error
  4. None of the above.
9. 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.
10. 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'

11. 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)`

12. 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)`

13. 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.

14. 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.
15. 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
16. 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
17. 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])
18. There are different basic operators in python and work according to the order of their precedence.
- Arrange the order of precedence of the following operators:
1. Division
  2. Multiplication
  3. Parentheses
  4. Exponential
  5. Addition
  6. Subtraction
1. i, ii, iii, iv, v, vi.
  2. iv, iii, ii, i, vi, v.
  3. iii, iv, i, ii, v, vi.

4. iv, iii, i, ii, v, vi.
19. How to create a frame in Python?
1. `Frame = new.window()`
  2. `Frame = frame.new()`
  3. `Frame = Frame()`
  4. `Frame = window.new()`
20. 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)`