

# Python-PrepTerm

## Quiz

<b>Code:</b>	MT2020092
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1. 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.
2. 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

3. 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.
4. What will be the output of the following code?

```

for i in ['t', 'n', 'i', 'o', 'p'][:-1]:
    print(i)

```

1. t n i o p
  2. p o i n t
  3. t n i o p 1 0 -1
  4. p o i n t 1 0 -1
5. 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
6. Is the following Python code valid?

```

try:
    # Do something
except:
    # Do something
finally:
    # Do something

```

1. no, there is no such thing as finally
  2. no, finally cannot be used with except
  3. no, finally must come before except
  4. yes
7. 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
8. Which of the following function converts a string to all lowercase?
1. lower()
  2. lstrip ()
  3. max(str)
  4. min(str)
9. 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
10. 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)
11. 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
12. 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'`
13. 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`
14. 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`
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 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)`
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. How many except statements can a try-except block have?
- 1. zero
  - 2. one
  - 3. more than one
  - 4. more than zero
19. What will be the output of the below given code?
- ```
colors = ["white", "Black", "Grey"]  
x = "Red" not in colors
```
- 1. Yes
  - 2. No
  - 3. Error: not in not defined
  - 4. True
20. 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])