

Python-PrepTerm Quiz

Code:	MT2020005
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- Which of the following function sets the integer starting value used in generating random numbers?
 - `choice(seq)`
 - `randrange ([start ,] stop [,step])`
 - `random()`
 - `seed([x])`
- Which of the following operator in python evaluates to true if it does not finds a variable in the specified sequence and false otherwise?
 - `**`
 - `//`
 - `is`
 - `not in`
- What is the following function inserts an object at given index in a list?
 - `list.index(obj)`
 - `list.insert(index, obj)`
 - `list.pop(obj=list[-1])`
 - `list.remove(obj)`
- Name the error that doesn't cause program to stop/end, but the output is not the desired result or is incorrect.
 - Syntax error
 - Runtime error
 - Logical error
 - All of the above
- Which of the following is required to create a new instance of the class?
 - A constructor

2. A class
 3. A value-returning method
 4. A None method
6. 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
7. How to create a frame in Python?
1. `Frame = new.window()`
 2. `Frame = frame.new()`
 3. `Frame = Frame()`
 4. `Frame = window.new()`
8. 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)`
9. 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
10. 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
11. 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

12. 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

13. What is output for `min("hello world")`

1. e
2. a blank space character
3. w
4. None of the above.

14. 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

15. What is the output of the following code?

```
eval("1 + 3 * 2")
```

1. 1+6

2. $4*2$
 3. $1+3*2$
 4. 7
16. 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.
17. 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.
18. 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.
19. Syntax error in python is detected by \_\_\_\_\_ at \_\_\_\_\_
1. compiler/ compile time
  2. interpreter/ run time
  3. compiler/ run time
  4. interpreter/ compile time
20. What is the following function gives the total length of the list?

1. `cmp(list)`
2. `len(list)`
3. `max(list)`
4. `min(list)`