

Python-PrepTerm Quiz

Code:	MT2020082
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- 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 gives the total length of the list?
 - `cmp(list)`
 - `len(list)`
 - `max(list)`
 - `min(list)`
- What is the following function removes an object from a list?
 - `list.index(obj)`
 - `list.insert(index, obj)`
 - `list.pop(obj=list[-1])`
 - `list.remove(obj)`
- Which of the following function convert a string to a float in python?
 - `int(x [,base])`
 - `long(x [,base])`
 - `float(x)`
 - `str(x)`
- How to create a frame in Python?
 - `Frame = new.window()`
 - `Frame = frame.new()`
 - `Frame = Frame()`

4. `Frame = window.new()`

6. What will be the output of the following code snippet?

```
class Sales:
    def _init_(self, id):
        self.id = id
        id = 100
```

```
val = Sales(123)
print (val.id)
```

1. `SyntaxError`, this program will not run
2. 100
3. 123
4. None of the above

7. 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`

8. 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.

9. 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.
10. Which of the following statements can be used to check, whether an object obj is an instance of class A or not?
1. `obj.isinstance(A)`
 2. `A.isinstance(obj)`
 3. `isinstance(obj, A)`
 4. `isinstance(A, obj)`
11. 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
12. 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)`
13. 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)`
14. Which of the following function converts a string to all lowercase?
1. `lower()`
  2. `lstrip()`
  3. `max(str)`
  4. `min(str)`
15. 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.
16. nfig() in Python Tkinter are used for
1. destroy the widget
 2. place the widget
 3. change property of the widget
 4. configure the widget
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. 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)
19. Which of the following function of dictionary gets all the keys from the dictionary?
1. getkeys()
  2. key()
  3. keys()
  4. None of the above.

20. 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