

# Python-PrepTerm Quiz

<b>Code:</b>	MT2020070
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1. 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)`

2. What is the output for:

```
'you are doing well'[2:999]
```

1. `'you are doing well'`
2. `' '`
3. Index error.
4. `'u are doing well'`

3. 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

4. Which of the following operator in python evaluates to true if it does not finds a variable in the specified sequence and false otherwise?

1. `**`
2. `//`
3. `is`
4. `not in`

5. When is the finally block executed?

1. when there is no exception
  2. when there is an exception
  3. only if some condition that has been specified is satisfied
  4. always
6. Which of the following function converts a string to all lowercase?
1. `lower()`
  2. `rstrip()`
  3. `max(str)`
  4. `min(str)`
7. 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.
8. 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.

9. What is output for `min("hello world")`
1. e
  2. a blank space character
  3. w
  4. None of the above.
10. Which of the following operator in python evaluates to true if the variables on either side of the operator point to the same object and false otherwise?
1. `**`
  2. `//`
  3. `is`
  4. `not in`
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 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 convert a String to a list in python?
1. `repr(x)`
  2. `eval(str)`
  3. `tuple(s)`
  4. `list(s)`
15. 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'
16. 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
17. 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.
18. 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
19. 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)
20. What is the output of **print str \* 2 if str = 'Hello World!'**?
1. Hello World!Hello World!
  2. Hello World! \* 2
  3. Hello World!
  4. None of the above.