

Python-PrepTerm Quiz

Code:	MT2020023
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1. 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)`

2. 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

3. 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

4. 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.
5. 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
6. 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.
7. 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
8. 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
9. 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
10. 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
11. What is the output of the following code?
- ```
eval("1 + 3 * 2")
```
1. 1+6
  2. 4\*2
  3. 1+3\*2
  4. 7
12. 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.
13. 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**
14. What is the output of the following code?

```
def nprint(message, n):
while(n > 0):
 print(message)
n-=1
nprint('z', 5)
```

1. zzzz
2. zzzzz
3. Syntax Error
4. Infinite Loop

15. Which of the following environment variable for Python is an alternative module search path?

1. PYTHONPATH
2. PYTHONSTARTUP
3. PYTHONCASEOK
4. PYTHONHOME

16. What is output of following code:

```
a = (1, 2) a[0] +=1
```

1. (1,1,2)
2. 2
3. Type Error
4. Syntax Error

17. What is output for:

```
a = ['hat', 'mat', 'rat']
'rhyme'.join(a)
```

1. ['hat','mat','rat','rhyme']
2. 'hatmatratrhyme'
3. ['hat mat rat rhyme']
4. 'hatrhymematrhyne rat'

18. 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

19. 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)`

20. 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.