

Python-PrepTerm Quiz

Code:	MT2020047
--------------	-----------

1. 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`
2. 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`

3. 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
4. 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)`
5. 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
6. 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'
7. How many except statements can a try-except block have?
 1. zero
 2. one
 3. more than one
 4. more than zero
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. 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
10. Which of the following environment variable for Python is an alternative module search path?
 1. PYTHONPATH

2. PYTHONSTARTUP
3. PYTHONCASEOK
4. PYTHONHOME

11. What will be the output of the following code?

```
minidict = { 'name': 'TutorialsPoint', 'name': 'website'}  
print(minidict[ 'name'])
```

1. TutorialsPoint
2. Website
3. ('TutorialsPoint', 'website')
4. It will show an Error.

12. 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.

13. 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

14. 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.

15. Which of the following function converts a string to all lowercase?

1. `lower()`
 2. `rstrip()`
 3. `max(str)`
 4. `min(str)`
16. 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.
17. What will be the output of the following Python code?
- ```
def foo(): try: return 1 finally: return 2 k = foo() print(k)
```
1. 1
  2. 2
  3. 3
  4. error, there is more than one return statement in a single try-finally block
18. Syntax error in python is detected by \_\_\_\_\_ at \_\_\_\_\_
1. compiler/ compile time
  2. interpreter/ run time
  3. compiler/ run time
  4. interpreter/ compile time
19. 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
20. 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`