Python-PrepTerm
Quiz

Code:	MT2020044

1. What happens in the below code?

```python
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.

2. Syntax error in python is detected by _____ at _____

   1. compiler/ compile time
   2. interpreter/ run time
   3. compiler/ run time
   4. interpreter/ compile time

3. 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'

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. 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

6. 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

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 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'

9. 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

10. 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

11. 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.

12. 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

13. 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

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

```python
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

15. What should be given in range of the given below code to print nothing in output?

```python
for i in range(?):
    print(i)
```

1. 0.1
2. 0
3. NULL
4. 1

16. What is the output of the following code?

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

1. 1+6
2. 4*2
3. 1+3*2
4. 7

17. What is the output of the following code?

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

1. zzzz
2. zzzzz

   3. Syntax Error

   4. Infinite Loop

18. How to create a frame in Python?

   1. Frame = new.window()

   2. Frame = frame.new()

   3. Frame = Frame()

   4. Frame = window.new()

19. 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

20. What is the output of **print** tinylist $* 2$ **if** tinylist $= [123,$ 'john']?

   1. [123, 'john', 123, 'john']\ lstinline

   2. [123, 'john'] $* 2$\ lstinline

   3. Error

   4. None of the above.