Python-PrepTerm
Quiz

Code:	MT2020510

1. 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.

2. 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

3. 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

4. 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'

5. 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

6. 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

7. What is output of following code:

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

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

8. 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

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

   1. lower()
   2. lstrip ()
   3. **max**(**str**)
   4. **min**(**str**)

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 is the output of **print str**[2:5] **if str** = `'Hello World!'`?

    1. llo World!
    2. H
    3. llo
    4. None of the above.

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. 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

14. 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

15. 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

16. 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)

17. 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

18. What is the following function inserts an object at given index in a list?

    1. **list** .index(obj)
    2. **list** . insert (index, obj)
    3. **list** .pop(obj=**list**[−1])
    4. **list** .remove(obj)

19. How many except statements can a try-except block have?

    1. zero
    2. one
    3. more than one

4. more than zero

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