Python-PrepTerm
Quiz

Code:	MT2020134

1. What is the following function reverses objects of list in place?

    1. **list** .reverse()
    2. **list** .sort([func])
    3. **list** .pop(obj=**list**[−1])
    4. **list** .remove(obj)

2. 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

3. 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.

4. 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)

5. 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

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

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

7. 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

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. 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

10. 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)

11. 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.

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. 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

14. 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)

15. 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**

16. 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)

17. What is the following function gives the total length of the list?

    1. **cmp**(**list**)
    2. **len**(**list**)
    3. **max**(**list**)
    4. **min**(**list**)

18. 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

19. 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.

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

    1. zero
    2. one
    3. more than one
    4. more than zero