Python-PrepTerm
Quiz

Code:	MT2020142

1. 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

2. 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

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. 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. Which of the following function sets the integer starting value used in generating random numbers?

   1. choice(seq)
   2. randrange ([start ,] stop [, step])
   3. random()
   4. seed([x])

6. 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.

7. 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**)

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 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)

10. Analyze the code:

```
print("Recursive Function")
def factorial(n):
    return(n*factorial(n-1))
factorial(4)
```

    1. Recursive Function 24.
    2. Recursive Function.
    3. Function runs infinitely and causes a StackOverflowError.
    4. Syntax Error.

11. 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.

12. 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**

13. Which of the following function convert a string to a float in python?

    1. **int**(x [, base])
    2. **long**(x [,base])
    3. **float**(x)
    4. **str**(x)

14. 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

15. How to create a frame in Python?

    1. Frame = new.window()
    2. Frame = frame.new()
    3. Frame = Frame()
    4. Frame = window.new()

16. 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

17. 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.

18. 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

19. Pylab is a package that combine _____, _____ and _____ into a single namespace.

    1. Numpy, scipy and matplotlib
    2. Numpy, matplotlib and pandas
    3. Numpy, pandas and matplotlib
    4. Numpy, scipy and pandas

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

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