

Python-PrepTerm

Quiz

Code:	MT2020002
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- Which of the following function convert a String to a list in python?
 - `repr(x)`
 - `eval(str)`
 - `tuple(s)`
 - `list(s)`
- Name the error that doesn't cause program to stop/end, but the output is not the desired result or is incorrect.
 - Syntax error
 - Runtime error
 - Logical error
 - All of the above
- What is the output for:
`'you are doing well'[2:999]`
 - `'you are doing well'`
 - `' '`
 - Index error.
 - `'u are doing well'`
- What is the following function sorts a list?
 - `list.reverse()`
 - `list.sort([func])`
 - `list.pop(obj=list[-1])`
 - `list.remove(obj)`
- Which of the following environment variable for Python contains the path of an initialization file containing Python source code?
 - PYTHONPATH

2. PYTHONSTARTUP
 3. PYTHONCASEOK
 4. PYTHONHOME
6. 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])
7. Which of the following environment variable for Python is an alternative module search path?
1. PYTHONPATH
 2. PYTHONSTARTUP
 3. PYTHONCASEOK
 4. PYTHONHOME
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. 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
10. 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.
11. 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
12. 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
13. 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
14. 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
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. Which of the following function converts a string to all lowercase?
1. `lower()`
  2. `rstrip()`
  3. `max(str)`
  4. `min(str)`
18. How many except statements can a try-except block have?
1. zero
  2. one
  3. more than one
  4. more than zero
19. 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.
20. What is output for `min("hello world")`
1. e
 2. a blank space character
 3. w
 4. None of the above.