

Python-PrepTerm Quiz

Code:	MT2020097
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1. 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)`

2. 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

3. 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

4. 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)`
5. 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.
6. 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
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 is the following function gives the total length of the list?

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

9. How to create a frame in Python?
1. `Frame = new.window()`
 2. `Frame = frame.new()`
 3. `Frame = Frame()`
 4. `Frame = window.new()`
10. 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)`
11. 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
12. 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])`
13. What is the following function compares elements of both dictionaries dict1, dict2?
1. `dict1.cmp(dict2)`
  2. `dict1.sort(dict2)`
  3. `cmp(dict1, dict2)`
  4. None of the above.
14. 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
15. 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
16. 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
17. 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.
18. 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.
19. Which of the following environment variable for Python is an alternative module search path?
1. PYTHONPATH
  2. PYTHONSTARTUP
  3. PYTHONCASEOK
  4. PYTHONHOME
20. 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.