

Multiple Choice Questions

What is output of following code-

```
gc = [1, 2, 3, 4]
gc.append([5,6,7,8])
print(len(gc))
```

- (A) 8
- (B) 5
- (C) Error
- (D) None of these

RIGHT ANSWER: (B)

What is output of following code-

```
dict1={"a":10,"b":2,"c":3}
str1=""
for i in dict1:
    str1=str1+str(dict1[i])+ " "
    str2=str1[:-1]
print(str2[::-1])
```

- (A) 3, 2
- (B) 3, 2, 10
- (C) 3, 2, 01
- (D) Error

RIGHT ANSWER: (C)

Which of the following will delete key_value pair for key="tiger" in dictionary
dic={"lion":"wild", "tiger":"wild", "cat":"domestic", "dog":"domestic"}

- (A) del dic["tiger"]
- (B) dic["tiger"].delete()
- (C) delete(dic["tiger"])
- (D) del(dic["tiger"])

RIGHT ANSWER: (A)

Which one of the following is an application of Queue Data Structure?

- (A) When a resource is shared among multiple consumers.
- (B) When data is transferred asynchronously (data not necessarily received at same rate as sent) between two processes
- (C) Load Balancing
- (D) All of the above

RIGHT ANSWER: (D)

If the elements 'A', 'B', 'C' and 'D' are placed in a queue and are deleted one at a time, in what order will they be removed?

- (A) ABCD
- (B) DCBA
- (C) DCAB
- (D) ABDC

RIGHT ANSWER: (A)