

# Rajalakshmi Engineering College

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## NeoColab\_REC\_CS23221\_Python Programming

### REC\_Python\_Week 2\_MCQ

Attempt : 1  
Total Mark : 15  
Marks Obtained : 10

#### Section 1 : MCQ

1. What is the output of the following program?

```
i=1
while(i<3):
    j=0
    while(j<3):
        print(i%3,end=" ")
        j=j+1
    i=i+1
```

**Answer**

1 1 1 2 2 2 0 0 0 1 1 1 2 2 2

**Status : Wrong**

**Marks : 0/1**

2. What is the output of the following?

```
for i in range(10):  
    if i == 5:  
        break  
    else:  
        print(i, end=' ')  
else:  
    print("Here")
```

**Answer**

0 1 2 3 4 5 Here

**Status :** Wrong

**Marks :** 0/1

3. What is the output of the following?

```
i = 2  
while True:  
    if i%3 == 0:  
        break  
    print(i)  
    i += 2
```

**Answer**

2 4

**Status :** Correct

**Marks :** 1/1

4. What is the output of the following?

```
True = False  
while True:  
    print(True)  
    break
```

**Answer**

error

**Status :** Correct

**Marks :** 1/1

5. What will be the output of the following code snippet?

```
balloon_inflated = False
while not balloon_inflated:
    if not balloon_inflated:
        balloon_inflated = True
        print("inflate-", end="")
print("done")
```

**Answer**

inflate-done

**Status :** Correct

**Marks :** 1/1

6. What will be the output of the following Python code?

```
i = 1
while False:
    if i%2 == 0:
        break
    print(i)
    i += 2
```

**Answer**

The code runs successfully but does not print anything

**Status :** Correct

**Marks :** 1/1

7. What will be the output of the following Python code?

```
i = 0
while i < 5:
    print(i)
    i += 1
    if i == 3:
        break
else:
    print(0)
```

**Answer**

012

**Status :** Correct

**Marks :** 1/1

8. What will the following code output?

```
x = 0
while x < 5:
    if x == 3:
        break
    x += 1
else:
    print("Completed")
print(x)
```

**Answer**

3

**Status :** Correct

**Marks :** 1/1

9. How many times will the inner for loop be executed in the below code?

```
i=0
while(True):
    for j in range(4,0,-2):
        print(i*j)
        print("")
    i=i+1
    if(i%2==0):
        break
```

**Answer**

0

**Status :** Wrong

**Marks :** 0/1

10. What will be the output of the following Python code?

```
i = 1
while True:
    if i%3 == 0:
        break
    print(i)
    i += 1
```

**Answer**

Compile Time Error

**Status : Wrong**

**Marks : 0/1**

11. When does the else statement written after the loop execute?

**Answer**

When break statment is executed in the loop

**Status : Wrong**

**Marks : 0/1**

12. What will be the output of the following Python code?

```
i = 1
while True:
    if i % 2 == 0:
        i += 1
        continue
    if i > 10:
        break
    print(i, end = " ")
    i += 2
```

**Answer**

1 3 5 7 9

**Status : Correct**

**Marks : 1/1**

13. What is the purpose of the pass statement in Python?

**Answer**

To do nothing and act as a placeholder.

**Status :** Correct

**Marks :** 1/1

14. Which keyword is used to immediately terminate a loop?

**Answer**

break

**Status :** Correct

**Marks :** 1/1

15. What will be the output of the following code snippet?

```
i = 0
while i < 5:
    if i % 2 == 0:
        i += 1
        continue
    print(i, end=" ")
    i += 1
```

**Answer**

1 3

**Status :** Correct

**Marks :** 1/1