# Rajalakshmi Engineering College

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## NeoColab_REC_CS23221_Python Programming

## REC_Python_Week 2_MCQ

Attempt : 1
Total Mark : 15
Marks Obtained : 14

## Section 1 : MCQ

1.  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*

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

*Answer*

To do nothing and act as a placeholder.

*Status :* Correct                                                                 *Marks : 1/1*

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

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

*Answer*

012

*Status :* Correct                                                                 *Marks : 1/1*

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

```python
i = 5
while True:
    if i%0O11 == 0:
        break
    print(i, end = " ")
    i += 1
```

*Answer*

5 6 7 8

*Status :* Correct                                                                 *Marks : 1/1*

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

```
i = 0
for i in range(10):
    break
print(i)
```

**Answer**

0

*Status :* Correct                                                           *Marks : 1/1*

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

```
i = 5
while True:
    if i%0O11 == 0:
        break
    print(i)
    i += 1
```

**Answer**

5 6 7 8

*Status :* Correct                                                           *Marks : 1/1*

7.  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)
    i += 2
```

**Answer**

1 3 5 7 9

8. 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

9. What is the output of the following code?

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

*Answer*

0 1 2 3 4 Here

10. 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

*Status :* Correct                                                                    *Marks : 1/1*


11.  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*


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

*Answer*

break

*Status :* Correct                                                                    *Marks : 1/1*


13.  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*


14.   Which keyword used in loops can skip the remaining statements for a
particular iteration and start the next iteration?

**Answer**

continue

*Status :* Correct                                                      *Marks : 1/1*


15.   What is the output of the following?

```
i=0
while(1):
  i++
  print i
  if(i==4):
    break
```

**Answer**

Syntax Error

*Status :* Correct                                                      *Marks : 1/1*