# Rajalakshmi Engineering College

Name: Giridharan A
Email: 241501056@rajalakshmi.edu.in
Roll no:
Phone: 9042220911
Branch: REC
Department: I AIML AD
Batch: 2028
Degree: B.E - AI & ML

## NeoColab_REC_CS23221_Python Programming

## REC_Python_Week 2_MCQ

Attempt : 1
Total Mark : 15
Marks Obtained : 12

## Section 1 : MCQ

1.  What is the output of the following code?

```
i = 5
while True:
  if i%0O9 == 0:
     break
  print(i)
  i += 1
```

*Answer*

5 6 7 8

*Status :* Wrong                                                        *Marks : 0/1*

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

*Answer*

When loop condition becomes false

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


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

*Answer*

continue

*Status :* Wrong                                                                      *Marks : 0/1*


4.  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*


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

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

*Answer*

0

6.  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*

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

*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.  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*


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

*Answer*

To do nothing and act as a placeholder.

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


11.  What is the output of the following?

```
i=0
while(1):
  i++
```

```
  print i
  if(i==4):
    break
```

*Answer*

1 2 3 4

*Status :* Wrong                                          *Marks : 0/1*


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

```
i = 1
while True:
    if i%0O7 == 0:
        break
    print(i)
    i += 1
```

*Answer*

1 2 3 4 5 6

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


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

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

*Answer*

1 2

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


14.   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*

02

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


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

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

*Answer*

5 6 7 8

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