

Rajalakshmi Engineering College

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NeoColab_REC_CS23221_Python Programming

REC_Python_Week 2_MCQ

Attempt : 1
Total Mark : 15
Marks Obtained : 12

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 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

3. 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

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

Answer

To do nothing and act as a placeholder.

Status : Correct

Marks : 1/1

5. 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

6. 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

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

```
i = 5
while True:
    if i%0011 == 0:
        break
    print(i, end = " ")
    i += 1
```

Answer

5 6 7 8 9 10

Status : Wrong

Marks : 0/1

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

Answer

break

Status : Correct

Marks : 1/1

9. 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

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

Answer

When loop condition becomes false

Status : Correct

Marks : 1/1

11. 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

Status : Correct

Marks : 1/1

12. 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 : Wrong

Marks : 0/1

13. 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

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

```
i = 1
```

```
while True:
    if i%007 == 0:
        break
    print(i)
    i += 1
```

Answer

1 2 3 4 5 6

Status : Correct

Marks : 1/1

15. 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

2

Status : Wrong

Marks : 0/1