

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 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

2. 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

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. Which keyword is used to immediately terminate a loop?

Answer

break

Status : Correct

Marks : 1/1

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

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

Answer

12

Status : Correct

Marks : 1/1

6. 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

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

Answer

When loop condition becomes false

Status : Correct

Marks : 1/1

8. 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

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

2

Status : Wrong

Marks : 0/1

10. What is the output of the following code?

```
i = 5
while True:
    if i%009 == 0:
        break
    print(i)
    i += 1
```

Answer

5 6 7 8

Status : Wrong

Marks : 0/1

11. What is the output of the following?

True = False

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

Answer

error

Status : Correct

Marks : 1/1

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

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

Answer

5 6 7 8 9 10

Status : Wrong

Marks : 0/1

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. 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

15. 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