Rajalakshmi Engineering College

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NeoColab_REC_CS23221_Python Programming

REC_Python_Week 2_MCQ

Attempt : 1
Total Mark : 15
Marks Obtained : 13

Section 1 : MCQ

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

```python
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*

2. 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*

3. What is the output of the following?

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

Answer

error

Status : Correct   *Marks : 1/1*

4. 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*

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

Answer

When loop condition becomes false

Status : Correct   *Marks : 1/1*

7. 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*

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

```
i = 1
```

```python
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*

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

```python
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 will be the output of the following Python code?

```python
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*

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 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*

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

Answer

break

Status : Correct   *Marks : 1/1*

14. 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*

15. 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

0 1 2

Status : Correct   *Marks : 1/1*