Rajalakshmi Engineering College

Name: MITHULESH J
Email: 240701313@rajalakshmi.edu.in
Roll no: 240701313
Phone: 8056467713
Branch: REC
Department: I CSE FC
Batch: 2028
Degree: B.E - CSE

NeoColab_REC_CS23221_Python Programming

REC_Python_Week 2_MCQ

Attempt : 1
Total Mark : 15
Marks Obtained : 12

Section 1 : MCQ

1. 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*

2. 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*

3. What will the following code output?

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

Answer

3

Status : Correct   *Marks : 1/1*

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

```python
i = 1
while True:
    if i%3 == 0:
        break
```

```
    print(i)
    i + = 1
```

Answer

1 2

Status : Wrong   *Marks : 0/1*

5. 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*

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

```
balloon_inflated = False
while not balloon_inflated:
    if not balloon_inflated:
        balloon_inflated = True
        print("inflate-", end="")
print("done")
```

Answer

inflate-done

Status : Correct   *Marks : 1/1*

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

```
i = 0
while i < 5:
    if i % 2 == 0:
        i += 1
        continue
    print(i, end=" ")
    i += 1
```

Answer

1 3

Status : Correct   *Marks : 1/1*

8.   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*

9.   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*

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.   Which keyword is used to immediately terminate a loop?

Answer

continue

Status : Wrong   *Marks : 0/1*

12.   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*

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

Answer

When loop condition becomes false

Status : Correct   *Marks : 1/1*

14. 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

15. 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