**Question 1**

What is the output of the following program?

set1 = {1, 2, 3, 4, 4}

print(set1)

A {1, 2, 3}

B {1, 2, 3, 4}

C {1, 2, 3, 4, 4}

D Error

**Question 2**

What is the output of the following program?

set1 = {3, 4, 5}

set1.update([1, 2, 3])

print(set1)

A {1, 2, 3, 4, 5}

B {3, 4, 5, 1, 2, 3}

C {1, 2, 3, 3, 4, 5}

D Error

**Question 3**

What is the output of the following program?

set1 = {1, 2, 3}

set2 = set1.copy()

set2.add(4)

print(set1)

A {1, 2, 3, 4}

B {1, 2, 3}

C Invalid Syntax

D Error

**Question 4**

What is the output of the following program?

set1 = {1, 2, 3}

set2 = set1.add(4)

print(set2)

A {1, 2, 3, 4}

B {1, 2, 3}

C Invalid Syntax

D None

**Question 5**

What is the output of the following program?

set1 = {1, 2, 3}

set2 = {4, 5, 6}

print(len(set1 + set2))

A 3

B 6

C Unexpected

D Error

**Question 6**

What is the output of the following program?

set1 = {0, 2, 4, 6, 8};

set2 = {1, 2, 3, 4, 5};

print(set1 | set2)

A {0, 1, 2, 3, 4, 5}

B {0, 1, 2, 3, 4, 5, 6, 8}

C { 6, 8}

D None

**Question 7**

What is the output of the following program?

set1 = {0, 2, 4, 6, 8};

set2 = {1, 2, 3, 4, 5};

print(set1 & set2)

A {0, 1, 2, 3, 4, 5, 6, 8}

B {0, 1, 3, 5, 6, 8}

C {2, 4}

D {0, 8, 6}

**Question 8**

What is the output of the following program?

set1 = {0, 2, 4, 6, 8};

set2 = {1, 2, 3, 4, 5};

print(set1 - set2)

A {0, 1, 2, 3, 4, 5, 6, 8}

B {0, 8, 6}

C {2, 4}

D {0, 1, 3, 5, 6, 8}

**Question 9**

What is the output of the following program?

set1 = {0, 2, 4, 6, 8};

set2 = {1, 2, 3, 4, 5};

print(set1 ^ set2)

A {0, 1, 2, 3, 4, 5, 6, 8}

B {2, 4}

C {0, 8, 6}

D {0, 1, 3, 5, 6, 8}

**Question 10**

What is the output of the following program?

set1 = set([1, 2, 4, 4, 3, 3, 3, 6, 5])

print(set1)

A {1, 2, 4, 4, 3, 3, 3, 6, 5}

B {1, 2, 3, 4, 5, 6}

C [1, 2, 3, 4, 5, 6]

D [1, 2, 4, 4, 3, 3, 3, 6, 5]

**Question 11**

What is the output of the following program?

set1 = set([ 4, 5, (6, 7)])

set1.update([10, 11])

print(set1)

A {4, 5, 6, 7, 10, 11}

B {4, 5, 10, 11}

C {4, 5, (6, 7), 10, 11}

D None