Q1. Python program to print Highest Common Factor (HCF) of two numbers

Example : Take values according to you

1. ANSWER IS

x = 60

y = 200

if x > y:

x, y = y, x

for i in range(1,x+1):

if x%i == 0 and y%i == 0:

hcf = i

print("HCF of", x, "and", y, "is:", hcf)

Q2. What will be the output of the following Python code?

i=0

**def** change(i):

i=i+1

**return** i

change(1)

print(i)

a) 1

b) Nothing **is** displayed

c) 0

d) An exception **is** thrown

3. ANSWER IS ------ C (0)

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

**def** a(b):

b = b + [5]

c = [1, 2, 3, 4]

a(c)

print(len(c))

3. ANSWER IS ------ 4

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

a=10

b=20

**def** change():

**global** b

a=45

b=56

change()

print(a)

print(b)

a)

10

56

b)

45

56

c)

10

20

d) Syntax Error

4.ANSWER IS ------ b ( 45,56)

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

**def** change(i = 1, j = 2):

i = i + j

j = j + 1

print(i, j)

change(j = 1, i = 2)

a) An exception **is** thrown because of conflicting values

b) 1 2

c) 3 3

d) 3 2

5.ANSWER IS ------ b ( 1 2 )