**WORK SHEET FOR PRACTICE-II**

**By Mr. Ajay Kumar**

**1. What will be the datatype of the num in the below code snippet?**

**num = 10**

**print(type(num))**

**var = "Hello"**

**print(type(num))**

**2. How is a code block indicated in Python?**

Brackets.

Indentation.

Key.

None of the above.

3. **What will be the output of the following code snippet?**

**print(type(5 / 2))**

**print(type(5 // 2))**

**4.What will be the output of the following code snippet?**

**a = 3**

**b = 1**

**print(a, b)**

**a, b = b, a**

**print(a, b)**

5. **Which of the following types of loops are not supported in Python?**

for

while

do-while

None of the above

6. What is the result of executing the following code?

number = 5

while number <= 5:

if number < 5:

number = number + 1

print(number)

7. What is the last thing printed when the following code is run?

number = 0

while number <= 10:

print("Number: ", number)

number = number + 1

A. Number: 10  
B. Number: number  
C. Number: 0  
D. Number: 11

8. How many asterisks will be printed when the following code executes?

for x in [0, 1, 2, 3]:

for y in [0, 1, 2, 3, 4]:

print('\*')

A. 0  
B. 4  
C. 5  
D. 20

9. Which of the following will add up the numbers from 1 to 4?

1. for i in range(1,4):

sum = 0

sum = sum + i

2. sum = 0

for i in range(1,4):

sum = sum + i

3. for i in range(1,5):

sum = 0

sum = sum + i

4. sum = 0

for i in range(1,5):

sum = sum + sum

5. sum = 0

. for i in range(1,5):

sum = sum + i

10. Which of the following statements won’t be printed when this Python code is run?

for letter in 'Python':

if letter == 'h':

continue

print('Current Letter : ' + letter)

A. Current Letter : P  
B. Current Letter : t  
C. Current Letter : h  
D. Current Letter : o

11. Python program to calculate the sum of all the odd numbers within the given range.

12. Python program to count the total number of digits in a number.

13. Python program to find the factorial of a given number.

14. Fill in the blank to calculate the sum of all odd numbers from 1 to 5:

sum\_odd = 0

for num in range(1, 6):

if \_\_\_\_ % 2 != 0:

sum\_odd += \_\_\_\_

print("Sum of odd numbers:", sum\_odd)

15. Fill in the blank to print all even numbers from 1 to 10

for number in range(1, 11):

if \_\_\_\_ % 2 == 0:

print(\_\_\_\_)

16. Output

Str=”mynameis”  
 for char in str:

if char == "i":

break

elif char == 'a':

continue

else:

print(“yes loop is working ”)