INDIAN SCHOOL AL WADI AL KABIR

Class: VII	Department : Computer Science	Year :2026-2027
Worksheet with Solutions	Subject:Computer Science Topic: Basics of Python Post Midterm Practice Worksheet	

Instructions: Read each question, study the program, and type and execute it in Python IDLE.

Q1. Addition of Two Numbers

Write a Python program to accept two numbers and display their sum.

```
a = int(input("Enter first number: "))
b = int(input("Enter second number: "))
total = a + b
print("Sum =", total)
```

Sample Output:

Enter first number: 15 Enter second number: 20 Sum = 35

Q2. Area and Perimeter of a Square

Write a Python program to accept the side of a square and calculate its area and perimeter.

```
side = int(input("Enter the side: "))
area = side * side
perimeter = 4 * side
print("Area =", area)
print("Perimeter =", perimeter)
```

Sample Output:

Enter the side: 5 Area = 25 Perimeter = 20

Q3. Area and Perimeter of a Rectangle

Write a Python program to accept the length and breadth of a rectangle and calculate its area and perimeter.

```
length = int(input("Enter length: "))
breadth = int(input("Enter breadth: "))
area = length * breadth
perimeter = 2 * (length + breadth)
print("Area =", area)
print("Perimeter =", perimeter)
```

Sample Output:

Enter length: 10 Enter breadth: 5 Area = 50 Perimeter = 30

Q4. Average of Three Numbers

Write a Python program to accept three numbers and calculate their average.

```
a = int(input("Enter first number: "))
b = int(input("Enter second number: "))
c = int(input("Enter third number: "))
average = (a + b + c) / 3
print("Average =", average)
```

Sample Output:

Enter first number: 10 Enter second number: 20 Enter third number: 30 Average = 20.0

Q5. Product of Two Numbers

Write a Python program to accept two numbers and display their product.

```
a = int(input("Enter first number: "))
b = int(input("Enter second number: "))
product = a * b
print("Product =", product)
```

Sample Output: Enter first number: 8 Enter second number: 6 Product = 48

Q6. Total Marks of Four Subjects

Write a Python program to accept marks of four subjects and calculate the total marks.

```
english = int(input("Enter English marks: "))
maths = int(input("Enter Maths marks: "))
science = int(input("Enter Science marks: "))
computer = int(input("Enter Computer marks: "))
total = english + maths + science + computer
print("Total Marks =", total)
```

Sample Output:

English: 85 Maths: 90 Science: 88 Computer: 95 Total Marks = 358