

## Data Science Quiz # 1

Name: \_\_\_\_\_

Roll – No: \_\_\_\_\_

**Q1: Write only answers for following:**

1- What will the output be when the following code is executed? name, phone, location = "Robert", 123455667, "Dar es salaam" print(name, phone, location)	2- What will be the output when the following code is executed? area = 25.6 area = int(area) print(area)
3- What will be the output when the follownig code is executed? val1 = int(input()) print(len(val1))	4- What does the following code do: print( 1 ** 4 // 2)
5- What will the output be after executing the following code snippet? print(9** 3 ** 0 ** 1)	

**Q2: Write answer with explanation (how you reach the answer):**

1- What will be the output when the following code is executed? print(end="\n\n\n",sep=":")	2- What would be the output of the following code: print(2 % 5 ** 2)
3- What will be the output when the following code is executed? val1 = 0b111 val2 = val1 << 2 print(bin(val2))	4- What will be the output of the following print statements? lst1 = [2,4,6] lst2 = [2,4,6] print(lst1 is lst2) print(lst1 == lst2)
5- What will be the output of the following print statement? str = "Hello Python!" str = str[-7:len(str)] print(str)	6- What will be the output of the following print statement? tupl1 = (1., 2., 3.) tupl2 = ("Earth", "Mars", "Jupiter") x = (tupl1 + tupl2)[-3] print(x)
7- What is the result of the following print statement? capitals1 = ["London", "New York", "Rome"] capitals2 = capitals1 capitals2.remove("New York") print(capitals1)	8- What will be the output of the following code when executed? cities = {"UK":"London", "France":"Paris", "Germany":"Berlin"} for city in cities.items(): print(city)
9- What will be the output of the following code when executed? for i in range(1, 3): print(i) else: print("hi")	10- What is the result of the following code when executed? def fun(x = 4, y = 5): y -= 1 return x * y * 1 print(fun())