

Class: XI
Computer Science(083)
Python Basic Data Types (Module : M04)

Worksheet

Q1. What are data types? What are Python's built-in core data types? 2

Q2. What data types of Python handle Numbers? 2

Q3. What will be the output of the following? 2

```
print(len(str(17//4)))  
print(len(str(17/4)))
```

Q4. How many integer types are supported by Python? Name them. 2

Q5. What will be the output produced by following code? State reason. 3

```
a=5-4-3  
b=3**2**3  
print(a)  
print(b)
```

Q6. Following code has an expression with all integer values. Why is the result in floating point form? 2

```
a,b,c=2,3,6  
d=a+b*c/b  
print(d)
```

Q7. What will be the output of following code? 2

```
x,y=4,8  
z=x/y*y  
print(z)
```

Q8. Write a program to obtain temperatures of 7 days and then display average temperature of the week. 3

Q9. Write a program to obtain x,y,z from user and calculate expression : 3

$$4x^4 + 3y^3 + 9z + 6$$

Q10. Find the errors. 2

```
a=bool(0)  
b=bool(1)  
print(a==false)  
print(b==true)
```

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