**Answer Key: Python Functions**

**Section A: Multiple Choice Questions (MCQs)**

1. **(b)** def
2. **(c)** 7
3. **(b)** NoneType
4. **(b)** [1], [1, 2]
5. **(a)** 5 10 30
6. **(b)** A function in Python can return multiple values
7. **(c)** 9
8. **(c)** def 2func(): *(Function names cannot start with a number)*
9. **(b)** An anonymous function
10. **(d)** Default values are assigned every time the function is called *(False, they are assigned once at function definition time)*

**Section B: True/False Questions**

1. **True** *(A function can return multiple values as a tuple)*
2. **True** *(Functions in Python are first-class objects, meaning they can be assigned to variables, passed as arguments, and returned from other functions)*
3. **True** *(A function without a return statement returns None by default)*
4. **False** *(Python does not require specifying parameter types, though you can use type hints)*
5. **True** *(The global keyword allows a function to modify a global variable)*

**Section C: Fill in the Blanks**

1. **def** *(Python functions are defined using the def keyword)*
2. **Nested function** *(A function defined inside another function is called a nested function)*
3. **return** *(The return statement is used to send a value back from a function)*
4. **\*args** *(\*args allows a function to accept variable-length arguments as a tuple)*
5. **Anonymous function** *(A lambda function is also known as an anonymous function since it does not require a formal def statement)*