**1.** Why are functions advantageous to have in your programs?

**Answer:** Functions reduce the need for duplicate code. This makes programs shorter, easier to read, and easier to update.

**2.** When does the code in a function run: when it's specified or when it's called?

**Answer:** The code in a function executes when the function is called, not when the function is defined.

**3.** What statement creates a function?

**Answer:** The def statement defines (that is, creates) a function.

**4.** What is the difference between a function and a function call?

**Answer:** A function consists of the def statement and the code in its def clause. A function call is what moves the program execution into the function, and the function call evaluates to the function’s return value.

**5.** How many global scopes are there in a Python program? How many local scopes?

**Answer:** There is one global scope, and a local scope is created whenever a function is called.

**6.** What happens to variables in a local scope when the function call returns?

**Answer:** When a function returns, the local scope is destroyed, and all the variables in it are forgotten.

**7.** What is the concept of a return value? Is it possible to have a return value in an expression?

**Answer:** A return value is the value that a function call evaluates to. Like any value, a return value can be used as part of an expression.

**8.** If a function does not have a return statement, what is the return value of a call to that function?

**Answer:** If there is no return statement for a function, its return value is None.

**9.** How do you make a function variable refer to the global variable?

**Answer:** A global statement will force a variable in a function to refer to the global variable.

**10.** What is the data type of None?

**Answer:** The data type of None is NoneType.

**11.** What does the sentence import areallyourpetsnamederic do?

**Answer:** That import statement imports a module named areallyourpetsnamederic. (This isn’t a real Python module).

**12.** If you had a bacon() feature in a spam module, what would you call it after importing spam?

**Answer:** This function can be called with spam.bacon().

**13.** What can you do to save a programme from crashing if it encounters an error?

**Answer:** Place the line of code that might cause an error in a try clause.

**14.** What is the purpose of the try clause? What is the purpose of the except clause?

**Answer:** The code that could potentially cause an error goes in the try clause. The code that executes if an error happens goes in the except clause.