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

**BP: Functions eliminate the need for duplicating 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?

**BP: When it is called.**

3. What statement creates a function?

**BP:  the def keyword.**

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

**BP: A function is a reusable and modular piece of code. Essentially, no new code is required.**

**A function call is an invocation. Not calling a function is pointless.**

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

BP: **only one global Python scope per program execution.**

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

**BP: the local variables are destroyed.**

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

**BP: A return statement ends the function call and “returns” the result. Yes.**

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

**BP: special value None is returned.**

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

**BP: You can use a global variable within other functions by declaring it as global within each function that assigns a value to it:**

10. What is the data type of None?

**BP: It is a data type of the class NoneType object.**

11. What does the sentence import areallyourpetsnamederic do?

**BP: It imports a module named areallyourpetsnamederic**

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

**Import spam as spam**

**Spam.bacon()**

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

**BP: When it encounters an error, the control is passed to the except block, skipping the code in between**

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

**BP: The try block allows you to check for mistakes in a block of code. The except block allows you to handle errors with a custom response.**