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

Functions reduce the need for duplicate code.

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

They're pushed onto the stack frame in reverse order that they were declared in the called functions parameter list. The return address of the caller function is pushed onto the stack.

3. What statement creates a function?

def() keyword

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

A function should have its name and paranthesis brackets.  
In a function call there will be a semicolon too.

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

2 global scopes and 1 local scopes.

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

Each call of the function creates new local variables, and their lifetimes expire when the function returns to the caller.

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

A**return statement** is used to end the execution of the function call and “returns” the result (value of the expression following the return keyword) to the caller. The statements after the return statements are not executed.

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

It **returns None** .

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

10. What is the data type of None?

The None keyword is used to define a null value,

11. What does the sentence import areallyourpetsnamederic do?

imports a module named areallyourpetsnamederic.

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

This function can be called with spam. bacon().

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

Saves time debugging errors

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

Try-Except statement is a code block that allows your program to take alternative actions in case an error occurs.