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

To reduce amount of coding and errors as we can automate a set of operations that needs to repeated multiple times.

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

When it is called

3. What statement creates a function?

Def function\_name(parameter)

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

A function is when we define a set of operations that needed to be carried out on certain parameters. A function call is when we command python to use carry out the operations defined in the function on the value we provide.

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

There is one global scope and local scope depends upon number of function that we define

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

After returning the local variable does not exist in memory. Its created again when the function is called again

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

Return value is the output of operations carried out by a function. Yes we can have return value in an expression

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

None

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

By using command global

10. What is the data type of None?

Nonetype

11. What does the sentence import areallyourpetsnamederic do?

It imports a module called areallyourpetsnamederic

If the module is not available it reuturns error

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

Spam.bacon()

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

We can use try – except caluse

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

Try can identify blocks of code that can result in error

Except clause defines what type of error we are expecting in the given section.