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

Codes are not repeated.

It can be reused anywhere again in the program.

It makes code easier to read if function is named properly.

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?

The def statement

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

A function is where a task is coded.

A function call is when the task coded is executed by the user

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

Global scope are variables created outside of functions

Local scope are variables created inside of functions. They are as many local scopes as there are functions where they have been created.

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

The variables are destroyed.

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

A return value is the value that is given as output when a function is called.

No it is not possible to have a return in an expression.

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

Nothing

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

By using the global statement before the variable

10. What is the data type of None?

It is used to define null variable or object.

11. What does the sentence import areallyourpetsnamederic do?

It tries to import a module of the name “areallyourpetsnamederic”

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?

Restart the kernel

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

It is used in case of run time error. It tries to run the code programmed and if it cannot run it, it would run the code written in the except clause.

This can be used to prevent code from crashing and to continue running the codes written after the try clause even if the codes written in the try clause will result in an error