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

They will help to make a code used as many as times as needed by calling it.

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

When its called.

3. What statement creates a function?

Def statement

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

Function is an overall procedure to achieve a desired output, function call is used to call the function to achieve the desired output.

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

There is only 1 global scope in python. There is 1 local scope in python.

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

The variable can be only used within the function itself.

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

Return value is an output/resultant from a function. Generally return statement is only used in a function but an expression as print(5\*2) will have a return value.

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

It would return None. In case of no arguments there would be no return value.

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

Use the keyword global before the variable.

10. What is the data type of None?

If used with “” then it would return a string.

11. What does the sentence import areallyourpetsnamederic do?

Import is used to call a specific library but here it will return an error as the word is not a library.

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

class beacon:

def spam():

print("Hello")

beacon.spam()

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

Error handling can be used to display the correct type of error and exit the process.

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

Try block tests the code for any errors. Except clause helps us handle the error.