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

**Reducing Duplication of code/reusing the code**

**Improving Readability**

**Achieving complex requirements in simpler terms/functions.**

**Hiding the Information/Privatisation**

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

**When it’s called**

3. What statement creates a function?

**Def function\_name(parameters):**

**Optional return**

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

**Function is where we define(Syntax: def function\_name()) and give the set of instructions it has to perform whereas function call is where we explicitly invoke/call to carry out the task.**

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

**ONE Global and ONE Local. Global is where the scope of the variable is throughout the program/package whereas local is inside/within a function**

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

**No more holds the result, the local scope is destroyed.**

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

**All functions return a value when called, if we do not explicitly return value in a return statement then Python returns a default value.**

**Yes, we can return expressions.**

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?

**Referring the variable with ‘global’**

10. What is the data type of None?

**None is a data type of its own(class None Type).**

11. What does the sentence import areallyourpetsnamederic do?

**It imports the module named 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?

**Use try clause to catch the error in the line causing it.**

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

**Code that causes an error is written in Try Clause**

**Code that should be executed if an error occurs is handled in the Except clause**