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

**Because you can reuse the same code multiple times in your program and don’t have to rewrite the same code again.**

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 func\_name():**

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

**when you declare function it’s not getting executed, it is stored in a memory. When you call a function it’s getting executed.**

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

**There is a one global scope. The number of Local scopes determined by the number of functions get executed within the program.**

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

**When the function returns, the local scope is destroyed and the variables are forgotten.**

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

**Return is used in a function to end an execution of it and it returns the result of the function execution. It can be used in an expression as well.**

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

**If function doesn’t have a return statement, function returns value None, which is an object and it’s data type is NoneType.**

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

**In python you can use ‘global’ keyword before the variable name and it will refer to the global variable inside of the function.**

10. What is the data type of None?

**None is an object, which type is NoneType.**

11. What does the sentence import areallyourpetsnamederic do?

**It will throw an error, because such module doesn’t exist.**

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 with the block of code that may cause an error.**

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

**If there is no error, try block will be executed, if there is an error, except block will be executed with the error handler provided.**