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

Answer- Functions are help full when we want same logic multiple times. Like if we want to get number of days between dates in our program multiple times then we can create function and call this function as many time as we want.

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

Answer: When function is called then only function get executed. We call function when we need.

3. What statement creates a function?

Answer: def function\_name():

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

Answer: When we create and write logic in the function. Function call is when function get called and logic get executed.

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

Answer: There is only one global scope throughout the program execution. There could multiple local scope in the program as every functions have their own local space.

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

Answer: variable got cleared.

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

Answer: return statement returns the objects specified to the calling program. No, return value can’t be an expression.

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

Answer: No values get returned.

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

Answer: Using “global” keyword.

10. What is the data type of None?

Answer: NoneType

11. What does the sentence import areallyourpetsnamederic do?

Answer: return error stating that “No module named ‘areallyourpetsnamedric’ “

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

Answer: spam.bacon().

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

Answer: We will implement error handling in the program.

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

Answer: try clause trap an exception and in except clause we can return the error message.