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

**Answer**: function help us to resuse the code. We can avoid code duplication

Also, it will increase readability and testability. We can test a single function without other code dependency.

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

**Answer: The code in function runs when its called.**

3. What statement creates a function?

**Answer: The def statement creates a function**

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

**Answer: A function consist of a def statement and code. We can say it as a template. Which only get executed when we call the function**

**In function call, program execution flow changes. Program flow will move to the function and it will execute hte code.**

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

**Answer: There is only one global scope. Local scope is created with in a funciton / whenever a function is called**

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

**Answer: local scope is destroyed.**

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

**Answer: return value is the value return from the function.**

**Yes, its possible to return value in an expression**

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

**Answer: Return value is None**

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

**Answer: using global statement.**

10. What is the data type of None?

**Answer: NoneType**

11. What does the sentence import areallyourpetsnamederic do?

**Answer: import statement import the module. Here it will import areallyourpetsnamederic module**

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: use try except block. Place the line to try except block**

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

**Answer: The code that causes the error goes to the try clause**

**code that executes if an error happens goes to the except clause**