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

**Ans: Advantages of using Functions are**

**Code Reusability, modularity, code clarity, remove code duplication.**

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

**Ans : A Function runs only when it is called**

3. What statement creates a function?

**Ans: def <functionName>(argument):**

**function body**

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

**Ans: A function os the code written to perform certain task. It may or may not have arguments and may or may not return a vlue.**

**While function call is when the code written inside the function actually gets executed.**

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

**Ans: Python has only one global scope. The global variables can be accessed throughout the program**

**There can be different local scopes in Python program depending on the number of functions written in the program and the variables defined inside those functions**

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

**Ans: Once the function call returns the memory assigned to the variables is deallocated and hence the variable is destroyed**

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

**Ans: The return value of generally used to end the execution of a function call and return the result.**

**No it is not possible to have a 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?

Ans :None

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

**Ans: To make a function variable refer to global variable we use global keyword to refer the global variable inside a function**

10. What is the data type of None?

**Ans: The data type of None is Nonetype**

11. What does the sentence import areallyourpetsnamederic do?

**Ans: import statement is used to import one module to another .**

**Here areallyourpetsnamederic module will be imported**

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

**Same bacon()**

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

**Ans: We should write the program in try and except statement**

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

**Ans: To implement error handling we write the code inside try and except statements.**

**The code inside try statement is executed and if any unexpected error occurs the control is transferred to except statement**