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

**Ans – Functions are set of lines of code which performs some specific tasks. If we want to use function in our program, we no need to call entire code block and we can call by function name itself. So using the function in our program makes our code shorter, easier to perform and avoids duplication.**

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

**Ans – Only when it is being called.**

1. What statement creates a function?

**Ans –** **def keyword creates a function in Python.**

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

**Ans – function is a set of code block defined to achieve some operation where as function call is invoking the function to perform that operation.**

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

**Ans – One global scope.**

**Three local scopes are there in Python.**

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

**Ans - When the execution of the function terminates (returns), the local variables are destroyed**

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

**Ans - The values that a function returns when it has completed is return value and ends the function execution.**

**Yes.**

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

**Ans – it is undefined value**

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

**Ans - using global keyword we can declare global variables.**

1. What is the data type of None?

**Ans – None itself.**

1. What does the sentence import areallyourpetsnamederic do?

**Ans -  That import statement imports a module named areallyourpetsnamederic**

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

**Ans - Spam.bacon()**

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

**Ans – We can use error handling method to notify about the issue and can exit the program execution normally.**

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

**Ans - In the try clause, all statements are executed until an exception is encountered. except is used to catch and handle the exception(s) that are encountered in the try clause.**