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

**Functions helps to use same line of code again and again without writing the whole code**

**Repetitively.**

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

**When it is called**

1. What statement creates a function?

**A function in Python is a logical unit of code containing a sequence of statements indented under a name given using the “def” keyword.**

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

**Function is block of code that does a particular operation and returns a result.**

**A function call is a code used to pass the control to a function.**

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

**A variable created in the main body of the Python code is a global variable and belongs to the global scope.**

**A variable created inside a function belongs to the local scope of that function, and can only be used inside that function.**

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

**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?

**A return statement is used to end the execution of the function call and returns the result to the caller. The statement after the return statements are not executed.**

**Yes, expressions are possible in return value.**

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

**It will return None.**

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

**Using global keyword.**

1. What is the data type of None?

**None Type**

11. What does the sentence import are all yourpetsnamederic do?

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?

**Using exception handling.**

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

**Try clause lets you check the block of code for errors.**

**Except clause helps to handle the error.**