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

- it reduces redundancy.

- it improves reusability of code.

- reduces complexity of a program

-improves readability of a program

- reduces the no. of lines of coding used.

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

- when it is called then only it runs.

3. What statement creates a function?

- ‘def’ keyword is used to create a function.

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

- Function is a particular set of code lines that is defined to perform a specific task. But unless function has been ‘called’ it doesn’t execute by itself.

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

- Global scopes are 2- global and built in whereas local scopes are 1.

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

- This would enable us to use the local variable outside of the function.

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

- The concept of the return value is to return the value of the expression after the execution of the return statement takes place.

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

- none or undefined.

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

-by declaring a global variable and calling the same from inside the function as the range of a global variable is throughout the program.

10. What is the data type of None?

-none

11. What does the sentence import areallyourpetsnamederic do?

- it would prompt the program to import a module called areallyourpetsnamederic into it.

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?

- we can use exception handling

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

- The try and except clauses are part of exception handling in python. The try clause is used to test a particular set of code lines whereas the except clause helps in the handling of the exception in a given desired manner.