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

Repetition of same code can be avoided. A single function can be called at multiple places to perform the same action.

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

When its called.

3. What statement creates a function?

Def function\_Name():

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

Operations written under a function are executed only when its called.

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

Global scope: such variables are defined globally and can be accessed from anywhere

Local scope: Local variable are defined inside a block, e.g. function and can be accessed within that block only.

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

Local variables are cleared out once function exits.

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

Return is used to return a value from function before it exits. Return can return a value of an expression if its evaluating to some value.

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

Such functions do not return anything.

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

using keyword global

10. What is the data type of None?

None is a object of class NoneType.

Hence, its datatype is NoneType.

11. What does the sentence import areallyourpetsnamederic do?

This will import module areallyourpetsnamederic to current project. Doing so will allow python to use/access methods defined inside areallyourpetsnamederic

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

Import spam as sp

Sp.bacon()

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

Exception handling

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

Try clause defines a block where some exception is expected.

Except clause used to identify the block where actions to be taken are defined in case exception is caught in try block.