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

Reusablitiy of code and modularity in the program

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

A function begins to run when a function call is encountered

3. What statement creates a function?

Def func\_name(parameters):

Return arg

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

A function is procedure to achieve a particular result. while function call is using this function to achive that task. Using a function to do a particular task any point in program is called as function call.

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

There is one global scope, and a local scope is created whenever a function is called.

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

When a function returns, the local scope is destroyed, and all the variables in it are forgotten.

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

It is a special statement in a function used to sent result to caller who called function.

yes it is possible to have 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?

it doesnt return any particular value for example if you want to addition of number it will perform addition but not return the results without return statement.

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

Global variable is a variable which is not connected to any particular function i.e it is free to be called in any function and also be reused. Therefore to refer a function variable to global variable we use global keyword to declare which variable are global

10. What is the data type of None?

NoneType

11. What does the sentence import areallyourpetsnamederic do?

it will import areallyourpetnamederic module.

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 bypass/prevent the crash by use “try-except” method.

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

The code that could potentially cause an error goes in the try clause. The code that executes if an error happens goes in the except clause.