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

Function is used to re-use the code without even writing it again and again

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

Function runs when it is called

3. What statement creates a function?

Ans- def add():

print(“hello”)

The add() function is created whenever it will called program will print hello and def word creates function

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

Function means we are defining the function for future purpose and function call means now we are calling the function for usage.

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

There is one global scope and local scope is created whenever function is called

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

Local scopes are destroyed and and the variable in it are forgotten

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

Return value is the value which is evaluated when function is called. Return value can be used as a part of expression

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

Return value of that function will be None

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

A global statement will force a variable in function to refer a global variable

10. What is the data type of None?

NoneType

11. What does the sentence import areallyourpetsnamederic do?

It will import a module with a name areallyourpetsnamederic

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 do exception handling

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

You can add code in try clause if you have doubt it may cause error

If your code has error it will go into except clause and give you proper error after using exception handling in your code now your code is run-time error free