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

ANSWER.

Function makes the code more readable and we can use the function instead of writing the code again and again.

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

ANSWER.

When it is called.

3. What statement creates a function?

ANSWER.

def is used to create the function.

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

ANSWER.

Function contains the code and function call is to activate the code.

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

ANSWER.

There is one global scope and multiple local scope.

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

ANSWER.

Local variable gets destroyed.

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

ANSWER.

Return value is the value that a function send back to the code when the function is called.

Yes, it is possible to have a 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?

ANSWER.

If a function does not have a return statement, None is the return value.

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

ANSWER.

Just add ‘global’ in front of the function variable.

10. What is the data type of None?

ANSWER.

NoneType.

11. What does the sentence import areallyourpetsnamederic do?

ANSWER.

Import is used to get package or module which are standard by python. It will show ModuleNotFound.

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

ANSWER.

import spam

spam.bacon()

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

ANSWER.

Here we can use try and except blocks.

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

ANSWER.

‘try’ clause contains the code that can raise the exception. ‘except’ clause contains the code of how to handle that exception.