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

Ans. Functions are use useful when we have to write same programme/query again and again. If same program is written 100 times we want to do some common change so we have to do 100time. But if we write same programme in function then we have to change only once in a function.

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

Ans. When we call function

1. What statement creates a function?

Ans. Def function\_name:

Body of function

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

Ans. Function is full body of function, where main program is written. While function call is only name of function with input in function if required it is used to call the function.

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

Ans. There is only one global and local scope in python program

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

Ans. When function call return then local variable removed from memory.

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

Ans. Return value is used to give output which we want. The statements after the return statements are not executed. If the return statement is without any expression, then the special value None is returned

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

Ans. If a function does not have a return statement, we can use pass to call the function.

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

Ans. By using Global statement before variable in a function we can make function variable refer to the global variable

1. What is the data type of None?

Ans. None is None data type

1. What does the sentence import are all your pets named eric do?

Ans. This question doesn't seem to be clear.

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

Ans. Spam.bacon()

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

Ans. We can use exception handling method or Try and except concept. To save a programme from crashing.

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

Ans. Try clause is used to run program and if any reason error will come we can run other commands in except block.