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

**Ans:** functions are basically used to increase modularity of code, to avoid repetition of a chunk of code/functionality.

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

**Ans:** when it’s called.

3. What statement creates a function?

**Ans:** def statement creates a function.

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

**Ans:** function is basically where function definition is being written, while function call is basically to call/invoke function.

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

**Ans:** local scope can be one only anything written inside a function/block, while global can be many anything written outside function/block is being treated as global.

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

**Ans:** their values is being reset.

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

**Ans:** concept of return value is being basically to return something after manipulation of function code, for which function is being written. No return value in expression is not possible, however an expression result can be return.

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

**Ans:** NoneType

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

**Ans:** there can be 2 ways for this. First there is no specific need to use global variable in function it can be called directly, secondly declare a local variable inside function and assign value of global variable to it.

10. What is the data type of None?

**Ans:** NoneType

11. What does the sentence import areallyourpetsnamederic do?

**Ans:** This will import package areallyourpetsnamederic and made available to use all functions/methods, classes to the program.

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

**Ans:** spam.bacon()

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

**Ans:** need to do proper exception handling in program, so rather than crashing it provider a meaningful error message.

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

**Ans:** try clause basically contains a chunk of code where expected error can be possible, however except clause catch appropriate king of exception if specified and throw a meaning full error message for unexpected errors in program.