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

**Functions makes task easy, by making program more reliable, providing code reusablity. So it is advantageous to use sets of function in program**

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

**When it's called.**

3. What statement creates a function?

**def function\_name(params):**

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

**A function is a piece of code in which buisness logics are defined, which can be used any number of times.  
While a function call is a statement which is used to run the function logic for desired passed parameters.**

**Function def : def func\_name(params) :  
Function call : func\_name(params)**

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

**There is 1 Global scope and one local scope in python program.**

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

**When function call is completed, the variable is dereferenced from the memory untill next time the function is called.**

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

**A return value in a function is a value that is returned to the calling place after function performs primitve and other operations.  
Yes it is possible to have a return value in an expression  
Eg : c = a+func\_name(d)**

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

**NoneType**

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

**We simply use variable, if it is not defined locally then it's scope will refer to the global scope**

10. What is the data type of None?

**The datatype of none is nothing, none only.**

11. What does the sentence import areallyourpetsnamederic do?

**The above statement imports the modules, with classess functions and everything inside the program. And all the module content can be used in the program.**

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 use exceptional handling, except block to throw some error message if any error has occured.**

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

**Inside try clause we pass the statements that are likely to throw some kind of errors.  
While except clause is used to define the error message and mention type of error that might occur during program execution to be displayed to the user..**