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

**we do not need to write same code frequently and increase code readability**

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

**when it is called**

3. What statement creates a function?

**def**

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

**function is a piece of code called which performs specific task when it is called.**

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

**global scope: 1, local scope: as many functions**

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

**local variable disapperas after function call**

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

**after performing some operations and we get some output. is we want to store that output then return concept is use. in expression there's a by default return is present**

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?

**using a global keyword**

10. What is the data type of None?

**NoneType**

11. What does the sentence import areallyourpetsnamederic do?

**it imports the all the functins and class present in areallyourpetsnamederic module**

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?

**use try except**

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

**try: runs code of block and when error occues except clause runs a code of block**