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

Ans.

By using function one can use same block code using different values or variable

Rather than writing same usecases for different values user can write function.

so that any one can access that function without writing whole bunch of code again and again.

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

Ans.

When user calls specific function , code inside the function runs.

**3. What statement creates a function?**

Ans. def statement creates function.

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

Ans. def is used to create or define function , user can call that defined function using function call

that is function name with ()

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

Ans. Variables defines outside function can be called as they are in global scope.

one other condition can be variable can be defined using global keywork inside function, at that time , that variable can be global variable.

Variables called inside function can be called as they are in local scope.

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

Ans.The local variable gets destroyed as the function call is ended.

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

Ans. While defining function user can return value outside function in function call ,

using “return”. When expression in defined for return , it will return result of expression.

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

Ans. None

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

Ans. using global keyword before defining variable

Example :

def test():

global a

a = 100

test()

print(a

10. What is the data type of None?

Ans. NoneType

**11. What does the sentence import areallyourpetsnamederic do?**

Ans. Statement will try to import areallyourpetsnamederic package .

**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. User can write a code using exceptions handling concept.

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

Ans.

User writes code to try block , if there is error in try block , it will execute exception block ,

Program will do instructions written in exception block while error else .