V. V. I QUESTIONS

what is function in c? Advantages of function? what are the different type of functions are present in c. Explain with proper example?

what is function definition in c? Explain with example?

Define call by value? Define call by reference? Define Global Variable with example? wright down the advantages and disadvantages of Global Variable? Define Local Variable? Example? Advantages and Disadvantages? Define Static Variable?

Short note Library Functions / user-defined functions / function definition / Function calling / call by value / call by reference / Formal and Actual parameter / main() function / Global Variable / Local Variable / Static Variable.

Differences: ① Library vs user-defined functions ② call by value vs call by reference ③ Global vs Local Variable ④ Local Variable vs Static Variable

what is Static function in c? Explain function with NO arguments and no return Value? what is Function Prototype in c? Explain and state different phases of user-defined functions?

Recursion

what is Recursion in c? what is the Base case and Recursive case in Recursion? Explain what are the different types of Recursion in c? Explain with proper example? what are the advantage and Disadvantage in Recursion? what is Recursive function? Direct vs Indirect Recursion? write a program to Print the first n/100 fibonacci numbers using recursion? Sum of n natural number using Recursion?