

Q2

Relationship of API, System Call & Interrupt:-

Interrupt is generalized (can be software or hardware based). Some priorities are set for interrupts requests.

System call:- Whenever we call OS to get desired functionality done, system calls call of interrupts.

APIs are set of protocols, routines and functions that call system call

Conclusion:- Basically APIs are set of routines that call system calls which allow a program to request services from kernel by calling interrupts which are categorized by OS on the basis of priority.

Hierarchy

