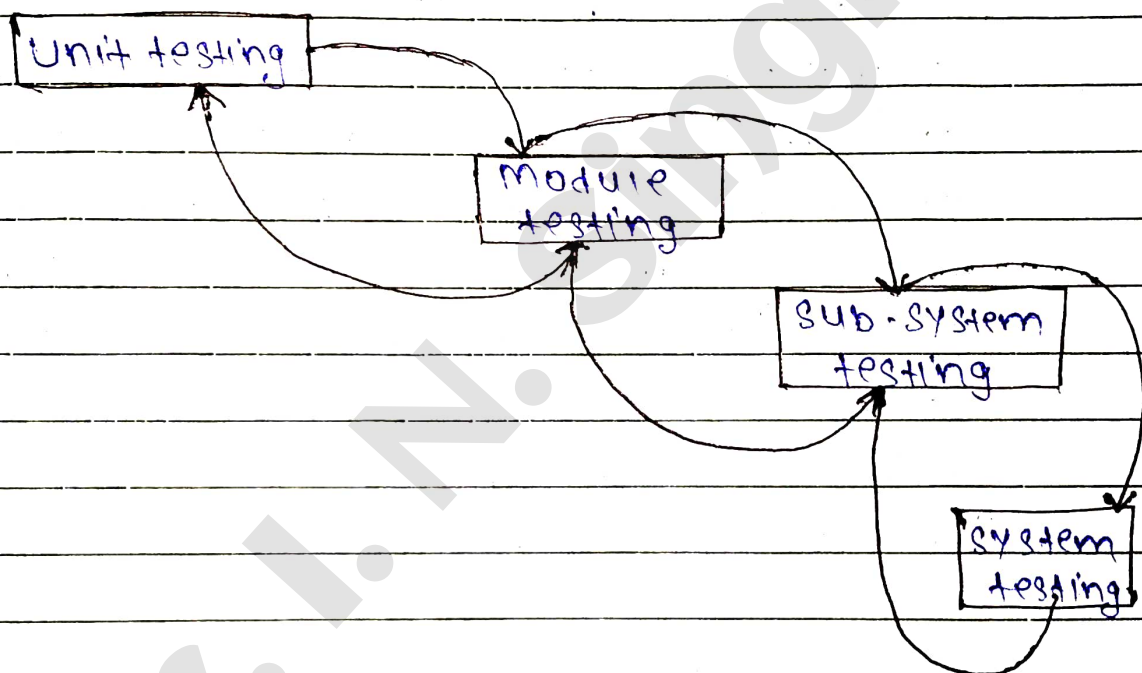


(ii) Module testing :- A module is a collection of dependent components such as an object class, procedures and functions. A module is encapsulated on related components so that it can be tested without other system module.



(iii) Sub system testing :-

Sub system testing involves testing a collection of modules which have been integrated into sub systems.

Note that :- Sub Systems may be independently design and implemented.

The most common problem which arises in large systems is the

"No religion has mandated killing others as a requirement for its sustenance or promotion." —Dr.A.P.J.Abdul Kalam

interfacing of the sub system. The sub system test process should therefore concentrate on the detection of interface errors by rigorous testing.

(iv) System testing :-

The sub systems are connected together to make the whole system. The testing process is concerned with finding such errors which do result from interaction/interfacing among sub systems. System testing would be concerned with checking that the system meets the organization's objective

System testing :- System testing can be one of the following five types.

- a) White Box testing or glass Box testing or structural testing.
- b) Black Box testing or functional testing.
- c) Interface testing
- d) Alpha testing or acceptance testing
- e) Beta testing or regression testing