

Section-2

Ans-1 Review of correctness and consistency:-

- **Correctness:** The extent to which the software meets the customer quality goals and expectations is correctness.

A software is correct, if different requirements, all specified in the SRS document have been correctly implemented.

A buggy system, even though might be functionally correct to meet the specification, could essentially result in excessive maintenance costs.

- **Consistency:** We can say a software is consistent if:

=> One variable name is used to represent different physical entities in program.

=> Functionally similar arithmetic expressions are similarly constructed.

=> Program contains only one representation for physical or mathematical constants.

Correctness

Completeness

Unambiguous

Software

Traceable

Verifiable

Consistent

Modifiable

