

Section - 4

Ans 1 Database design : Database design is a collection of process that facilitate the designing development implementation and maintenance of enterprise data management system.

The main objective of database design are the produce logical and physical design model of the proposed database system.

Database Design's Important :-

it helps produce database system

1. That meet the requirement of the users.

2. Have high performance.

Database design is crucial to high performance database system.

Software quality metrics

Objective of Software quality metrics

1. Facilitate management control and planning managerial intervention

Based on:

Deviation of actual from
Planned performance

Deviation of actual time table and
Budget performance from planned.

2. Identify situation for development or maintenance process improvement
Based on:

Accumulation of
metrics information regarding the
performance of teams unit etc.

Design and Code review :- A review

is a development activity where team members carefully methodically look at requirements design UI code or other artifacts.

A review is usually development activity meeting although the trend is toward doing review more one-line.

Implementation issues e.g coding error missing test cases poor coding error style.

validation issues :- raise questions about what is really desired and what is feasible.