

Ans. Database Design Software Quality Metrics :-

The word 'metrics' refer to standards for measurement. Software quality metrics means measurement of attributes, pertaining to software quality along with its process of development.

- 1) To define and categorize elements in order to have better understanding of each and every process and attribute.
- 2) To evaluate and assess each of the process and attribute against the given requirements and specifications.
- 3) Improving the overall quality of the process and product, and subsequently of project.

Design and Code Review :-

Code Review is a phase in the software development process in which the authors of code, peer reviewers, and perhaps quality assurance (QA) testers get together to review code.

Reviewers read the code line by line to check for :-

- 1) Flaws or potential flaws
- 2) Consistency with the overall program design.
- 3) The quality of comments
- 4) Adherence to coding standards.