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COURSE TITLE: Engineering Law and Managerial Skills

SHORT TEST

QUESTION 1

**optimization**. Finding an alternative with the most cost-effective or highest achievable performance under the given constraints, by maximizing desired factors and minimizing undesired ones.

The purpose of **optimization** is to achieve the “best” design relative to a set of prioritized criteria or constraints. These include maximizing factors such as productivity, strength, reliability, longevity, efficiency, and utilization.

To optimise Engineering resources I suggest

1. Good planning
2. Well defined goal
3. Periodical review of the plan when necessary
4. Taking the right actions
5. Read all legal requirement associating with the project.
6. Have a transparent contractor worker relationship
7. Have a human resources manager for the project to look out for the input of labourers for the project.
8. Having an ecologist to look out for any harmful resources that the project can present to the environment.