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DEPT: CHEMICAL ENGINEERING

ENG 384 CLASS TEST I (1ST JUNE 2020)

Question 1

Relevance of law, management and economics in engineering profession

* Engineering law refers to the application of laws applying to the practice of professional engineering. Engineering law is the study of how ethics and legal frameworks should be adopted to ensure public safety surrounding the practice of engineering.
* Economics helps in the development and growth in a country and as an engineer you play a very important role in doing so.
* Managerial economics is the science of directing scarce resources to manage cost effectively and the purpose of managerial economics is to provide a systematic evaluation for problem analysis and solution.
* Economics provides the engineer with the knowledge of cost estimation for cost and benefits to be measured reliably.
* Engineering law helps an engineer in decision making in order to develop projects with tangible, quantifiable benefits.
* The knowledge of safety legislation codes and regulations sets boundaries for an engineer which makes them avoid professional misconduct.