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**CHEMICAL ENGINEERING**

**QUESTION 1**

**The relevance of law, management and economics in engineering profession for 2020 Nigerian society of engineers (NSE):**

1. Law which refers to system of rules that govern a society with the intention of maintaining social order, upholding justice and preventing harm to individuals and property in the engineering profession which serves as a great relevant to the engineering profession through preventing discrimination in the body of engineering and also for full follow of regulations.
2. Another relevance of law in the engineering profession could be seen in the definition of law as a body of rules of conduct of binding legal force and effect, prescribed, recognized, and enforced by controlling authority, this relevance includes knowing when to contact a lawyer and avoid lawsuits.
3. The management and economics are great of relevance in the engineering profession as to regarding the analysis of the business financing, capital budgeting and the forecasting of the market demand.
4. In use of the law governing the engineering profession, it is seen that these has constituted in resulting in code of ethics in which the engineers would by, such as accepting responsibility in making decisions consistent with the safety, health and welfare of the public, and to disclose promptly factors that might endanger the public or the environment.
5. Another of the relevance of the law in the engineering field is seen through the ethical decisions faced by the engineers regarding Environmental safety, Responsibility arising from what others do, Discrimination in the work place and also Whistle blowing.
6. The management and economics also do effect in the investment done by the engineers, the economy situation of the engineering project, and the success through science of directing scarce resources to manage cost effectively.