

ZIDAFAMOR BENAENGOGHA OYINMIEBI

MECHANICAL ENGINEERING

17/ENG06/090

QUESTION ONE

1. Law provides a structural foundation/background on which all engineering operations and processes can be performed on. It allows for the engineer to carry out all his/her operations based on the provisions given by the country's constitution and jurisdictions.
2. Law also guides the engineer in his processes so that customer satisfaction is not overly emphasized rather than protection of environment and human lives.
3. Management skills possessed by the engineer in question will be of great importance during the beginning phase i.e. hiring of workers, labourers, technicians and their respective work hours and pay per work hour.
4. A definite, satisfactory and efficient dealing with upcoming issues in project be it error in project or worker related error, personal issues is an offer management puts on the table
5. Economics on the other hand ensures that all projects and constructions embarked on are not just money sinkers, but it makes sure that the engineering project is completed efficiently while incurring the least possible cost and ensuring the financial risks involved are ALARP( At Least As Reasonably Possible).

All three, law, management and economics put together allows the engineer to be totally effective as well as efficient in his dealings making the society better than he/she met it.