**NASIR-AMEEN NASIR**

**17/ENG02/045**

**COMPUTER ENGINEERING**

**Assignment Title:** JUNE 1st TEST
**Course Title:** Engineering Law and Managerial Economics
**Course Code:** ENG 384

**Question 1**

* Engineering Law is the application of laws guiding the engineering professional practices, it is of high relevance because it ensures that engineers must hold themselves to the highest-level ethical conduct whilst rendering their services.
* The law guides Engineers on understanding the basics of contract law and protects engineers’ rights and obligations, it helps avoid potential lawsuits due to accidental breach of contract, also it helps prevent Engineers who do not understand patent law from infringing on someone else’s intellectual property rights or accidentally forfeiting their own; these are amongst the many relevancies of Engineering law.
* Engineering management can be regarded as that aspect that brings together the technological problem-solving ability of engineering and the organizational, administrative, and planning abilities of management in order to oversee the operational performance of complex engineering driven enterprises.
* Studying Engineering management teaches how to effectively utilize technical, financial, and human resources as well improves conceptual skills such as critical thinking, analytical thinking, and problem-solving.
* Engineering Economics is a subject of vital importance to Engineers as it helps one understand the need for the knowledge of economics for being an effective manager and decision maker.
* As the design and manufacturing process become more complex, the engineer is making decisions that involve money more than ever before; therefore, any competent and successful engineer must have an improved understanding of the principles of economics.