ENG 384 TEST.

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MECHANICAL ENGINEERING

**QUESTION 1.**

1. National and state laws cover everything from hiring practices to workers' compensation.
2. Health and safety lawscan be especially important in the engineering field.
3. There are also laws preventing discrimination in the workplace, laws governing medical leave and laws protecting workers' rights.
4. Management skills possessed by the engineer in question will be of great importance during the beginning phase i.e. hiring of workers, laborer’s, technicians and their respective work hours and pay per work hours.
5. Also, it steps up to provide both consumer and engineer with a picture of the total project fund and leaves room for contingencies.
6. Law provides a structural foundation/background on which all engineering operations rely on. These laws helps the engineer in question by providing him with the best possible route to achieving a task.

Engineers and engineering managers need to have a working knowledge of the laws that affect their work so that they can do the following:

* Follow regulations.
* Stay compliant with governmental ordinances.
* Know which permits are necessary in which circumstances.
* Protect their work.
* Know the boundaries of liability.
* Avoid lawsuits.

All three, law, management, and economics put together perfects engineer-costumer relationship and avoids idiosyncratic judgement on any side.