

CLASS TEST

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18/ENG04/080

ELECTRICAL/ELECTRONICS ENGINEERING

ENGINEERING LAW AND MANAGERIAL ECONOMICS.

1.) Economists, engineering managers, project managers, and indeed any person involved in decision making must be able to analyze the financial outcome of his or her decision. Juxtapose this statements in three sentences

Every person involved in the decision making of an engineering project has to consider the weight imposed on the finances by their decisions. Being aware of the financial backlashes of a wrong decision being made. There is always a risk aspect in every decision and sometimes mistakes can lead to greater discoveries.

The project managers have to know the right choice of material needed to complete the project. The material must be economic and durable.

An engineering manager is responsible for ensuring that key projects and engineering duties are fulfilled. They are responsible for solving any engineering issue that comes up in a project. Hence they work hand in hand with project managers who have already laid out the plan and line of work

Economists are necessary for analysing data using mathematical models, statistical techniques, and software which have been proposed by engineering managers on a project. Economists working for corporations help managers and decisionmakers understand how the economy will affect their business. Specifically, economists may analyze issues such as consumer demand and sales to help a company maximize its profits.

2.)

.Engineering resources in the country can be optimized by having a transparent contractor-worker relationship. Contracts are awarded to engineering firms, such contract's will have an HR personnel, an engineering supervisor, an economist and other relevant people on board.

HR personnel look out for the input of labourers, both skilled and unskilled and likewise be compared to their output.

The engineering supervisors should ensure with fairness, that the job done by these workers meets the engineering requirements and specifications.

The economist must work hand in hand with the HR personnel and the manager, also with the supervisor as he controls their funding. He must know how the materials are chosen, the engineering approach taken, and other finding related activities. He should support the HR, as workers may have some trouble with the firm.

The ecologist works behind the scenes, as a safety guide, only contributing when anything potentially harmful or dangerous is seen or noticed.

With all these settled for, the office of the presidency should try to ensure that no corrupt individuals are part of the project, enabling for smooth operations and money management.