

Q.1.a) Three definition of operation Research -

Ans According to T.L. Saaty ..

"OR is the act of giving bad answers to the problems which otherwise have worst answers."

According to H.M.

"OR is the scientific approach to problem solving Executive mngt."

According to

"OR is a scientific method of providing Executive departments with Quantitative basis decisions regarding the operation under their controls."

Q.1.b) Nature and limitations :-

Nature => Intel displayary team approach.
Systematic approach
Scientific method.

Goal oriented.

Better Control.

Better decisions

Better Co-ordination.

Limitations - money
Time - Cost.
Bias.

Dt.:

Pg.:

Delta

* Internal resistance.

* only applicable for specific categories of problem.