The process of decision making has two phrases—

1. Formulation of goals and objective, commeration of environmental constraints, identification and evaluation of alternatives.

2. exction of optimal course of action for a given set of constraints.

* In of use are considered with "how to choose an optimal strategy under specified set of assumptions including an available strategies and their associated hay-offs."

The definition of OR as her the "OR society of breat Britain":

OR is the application of the methods of science to

complex problems arising in the direction and management
of large systems of men, material and money in

industry, business, government and defense.

The distinctive approach is to develop a scientific

model of the system, incorporating measurements of

factors such as chance and risk with which to

hedict and compare the outcome of atternative

decisions, strategies or controls.

* The purpose is to help management to determine its
policy and actions scientifically.