To construct a model. You need to observe real-word problem and make assumptions about influencing factors. This is called
abstraction

When changes in the independent or input variables of a relationship result in constant proportional changes in the dependent, or output variables, it is termed
Linear

The following are basic facts about Operations Research except
It examines non-functional relations from a system overview

How many basic variable(s) does the equation 3 x1 + 2 x2 - 5 x3 + 3 x4 = 10 have?
Select one:
1

Some of the early prominent publications on Operations Research include all of the following except
Select one:
American Journal of Technology

Linear programming model is an example of _____
Analytic model

Models that assume that the situation being represented will not change, at least in its essential features, within the operational period, are called
Static

The technique used to find an initial solution based on the opportunity costs is referred to as:
Vogel's approximation

Which of the following statement characterizes a standard linear programming problem?
Constraints given by inequalities of any type

_____ is an imitation of the step-by-step process involved in the build-up of system relationships.
Simulation