

Subject- Operation Research

Item Text	Option Text 1	Option Text 2	Option Text 3
A mixed strategy game can be solved by _____.	Simplex method	Hungarian method	Graphical method
When the sum of gains of one player is equal to the sum of losses to another player in a game, this situation is known as _____.	two-person game	two-person zero-sum game	non-zero-sum game
A game is said to be strictly determinable if _____.	maximin value equal to minimax value	maximin value is less than or equal to minimax value	maximin value is greater than or equal to minimax value
A game is said to be fair if _____.	only upper value to be zero	only lower value to be zero	lower and upper values are not equal to zero
In game theory, the outcome or consequence of a strategy is referred to as the _____.	penalty.	payoff.	reward.
Each participant of the game is called.....	Strategist	winner	player
The outcome of a game is known as.....	Pay off	Profit	Loss
The position in the pay off matrix where the maximin coincides with the minimax.	Break even point	Saddle point	Pivot point
When all the players of the game follow their optimal strategies, then the expected pay off of the game is called.....	Gain of the game	Loss of the game	Value of the game
Graphical method is also known as _____.	Simplex Method	Search-Approach Method	Big-M Method

Operation research analysis does not	Build more than one model	Collect the relevant data	Recommended decision and accept
Which statement characterizes standard form of a linear programming problem?	constraints are given by inequalities of any type	constraints are given by a set of linear equations	constraints are given only by inequalities of \geq type
Operations research is the application of ----- methods to arrive at the optimal Solutions to the problems.	economical	scientific	social
Operations research is based upon collected information, knowledge and advanced study of various factors impacting a particular operation. This leads to more informed -----	Management processes	Procedures	Decision making
In operations research, the ----- are prepared for situations	mathematical models	physical models diagrammatic	diagrammatic models
Which of the following is not the phase of OR methodology?	a problem Formulating	a model Constructing	controls Establishing
..... defined Operations Research as “the art of winning wars without actually fighting.”	Arthur Clark	H M Wagner	H A Taha
A set of feasible solution to a Linear Programming Problem is ____	polygon	convex	triangle
What is the objective function in linear programming problems?	A constraint for available resource	An objective for research and development of a company	A linear function in an optimization problem
Feasible solution satisfies	Only constraints	Optimum solution	slack variables