

Mathematics - FSC Part 2 Mathematics Chapter 5 Short Questions Preparation

Q1. Define convex region.

Ans 1: if the line segment obtained by joining any two points of a region lies entirely within the region, then the region is called convex.

Q2. Define problem constraints.

Ans 1: The system of linear inequalities involved in the problem concerned is called problem constraints.

Q3.

Ans 1:

Q4. Define a corner point.

Ans 1: A point of a solution region where two of its boundary lines intersect is called a corner point or a vertex of the solution region.

Q5. Define decision variables.

Ans 1: The variables used in the system of linear inequalities relating to the problems of everyday life are non-negative are called decision variables.

Q6.

Ans 1:

Q7.

Ans 1:

Q8.

Ans 1:

Q9.

Ans 1:

Q10.

Ans 1: