

Mathematics - FSC Part 2 Mathematics Chapter 5 Short Questions Preparation

Q1.

Ans 1:

Q2.

Ans 1:

Q3.

Ans 1:

Q4. Define the solution region.

Ans 1: The common region of all the graphs of each of inequality is the system on the same coordinate axes is called the solution region for the system of inequalities.

Q5. Define a feasible solution set.

Ans 1: A set containing of all the feasible solution of the system of linear inequalities is called a feasible solution set.

Q6.

Ans 1:

Q7. What is a feasible solution of the system of linear inequalities ?

Ans 1: Each point of the feasible region is called a feasible solution of the system of linear inequalities.

Q8.

Ans 1:

Q9. Check whether the region of graph $2x + 3y > 1$ lies on the origin side or not.

Ans 1: The graph of $2x + 3y > 1$ is an open half plane.
As $2(0) + 3(0) > 1$ is not true.
So the region is not on the origin side.

Q10.

Ans 1:
