## Mathematics - ICS Part 2 Mathematics Chapter 5 Short Questions Preparation

Q1. 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.

Q2.

**Ans 1:**

Q3. 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.

Q4.

**Ans 1:**

Q5.

**Ans 1:**

Q6.

**Ans 1:**

Q7.

**Ans 1:**

Q8.

**Ans 1:**

Q9. 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 inequalitites.

Q10.

**Ans 1:**