

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

Q1. Define problem constraints.

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

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Q2.

**Ans 1:**

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Q3.

**Ans 1:**

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Q4.

**Ans 1:**

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Q5.

**Ans 1:**

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Q6.

**Ans 1:**

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Q7.

**Ans 1:**

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Q8. Define non-negative constraints and decision variable.

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

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Q9. State fundamental extreme point theorem.

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**Ans 1:** From all the points in a plane bounded by a number of lines the maximum or minimum value of the objective function occurs only at one of the vertices of the bounded linear region.

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Q10.

**Ans 1:**

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