

TEST CHAPTER N°03:

**The graphical method for solving LPM)**

Solve this linear programming model using graphical method;

$$\text{Max } Z = 6x_1 + 9x_2$$

$$\text{ST: } \begin{cases} x_1 + 3x_2 \leq 9 \\ x_1 + x_2 \leq 5 \end{cases}$$

$$x_1 \geq 0, x_2 \geq 0$$