

Q-4 (A) Solve the following transportation problem by (1) NWCM (2) LCM

[08]

	D ₁	D ₂	D ₃	Demand
O ₁	2	7	4	5
O ₂	3	3	1	8
O ₃	5	4	7	7
O ₄	1	6	2	14
Supply	7	6	21	

Q-4 (A) Solve the following Linear Programming Problem by graphical method.

[07]

$$\text{Min } Z = 10x + 5y$$

s.t.

$$3x + 5y \leq 150$$

$$5x + 4y \geq 100$$

$$0 \leq x \leq 30, \quad 0 \leq y \leq 15$$

— X —
③