

17.	m = number of cells in parallel	For max. current the external resistance must be equal to the total internal resistance
18.	m = number of rows n = number of identical cells in each row.	For max. current the external resistance must be equal to the total internal resistance
19.	ΣI , algebraic sum of charge ΣV , algebraic sum of potential difference	Kirchhoff's law
20.	P, Q, R, S are resistances in four arms of Wheatstone Bridge	Balanced condition of Wheatstone Bridge
21.	S = Unknown resistance R = Known resistance	Working condition for Wheatstone Bridge
22.	V = Potential drop a wire L = Balancing length	Principle of Potentiometer.
23.	E_1 and E_2 , emf of two cells l_1 and l_2 balancing length	Comparison of emf's of two cell.