

NAT I Medical Chemistry

Sr	Questions	Answers Choice
1	A cell constant is generally found by measuring the conductivity of aqueous solution of	A. BaCl_2 B. KCl C. NaCl D. MgCl_2
2	An electrolyte	A. Forms complex ions in solution B. Gives ions only when electricity is passed C. Possesses ions even in solid state D. Gives ions only when dissolved in water
3	When electricity is passed through molten $\text{Al}_2\text{O}_3 + \text{Na}_3\text{AlF}_6$ and 13.5 gms Al are deposited, the number of faraday must be	A. 0.5 B. 1.0 C. 1.5 D. 2.0
4	The reference calomel electrode is made from which of the following?	A. ZnCl_2 B. CuSO_4 C. Hg_2Cl_2 D. HgCl_2
5	If a salt bridge is removed between the two half cells the voltage	A. Drops to zero B. Does not change C. Increases gradually D. Increases rapidly
6	When quantity of electricity passed is one faraday then the mass deposited at the electrode is equal to	A. One gm. atomic weight B. One gm. Equivalent weight C. Electrochemical equivalent D. None of the above
7	Which of the substances Na, Hg, S Pt and graphic can be used as electrodes in electrolytic cells having aqueous solution?	A. Na, Pt and graphite B. Na and Hg C. Pt and graphite only D. Na and S only
8	Which is not a colligative property?	A. Osmotic pressure B. Lowering of vapour pressure C. Depression of freezing point D. Elevation of boiling point