SREE CHAITANYA MAHAVIDYALAYA

(Affiliated by WEST BENGAL STATE UNIVERSITY)
Internal Examination, 2021 – Sem. IV
B.Sc. - General
**PAPER-CODE:** CEMGCOR04T
PAPER-NAME: Chemistry

Time: 30 Minutes   **Full Marks: 8**

A. Answer the following questions: (any four)   (2 X 4 = 8)

1. What is Azeotropic mixture? Give one example.

2. Calculate the degrees of freedom (F) of the following equation.

    $H_2O(s) \rightleftharpoons H2O (l)$
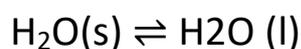
3. At 25^0C temperature the equivalent conductance at infinite dilution for $AgNO_3$, KNO_3 and KCl solutions are 133.36, 144.96 and 149.86 $ohm^{-1}cm^2gmeq^{-1}$ respectively. Find out the equivalent conductance at infinite dilution for AgCl.

4. Construct the cell of the following cell reaction

    $Cu (s) + 2Ag^+ (aq) \longrightarrow Cu^{2+} (aq) + 2Ag (s)$
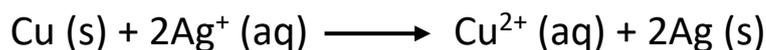
5. What is primary standard substance? Give one example.

CLICK THE LINK BELOW TO SUBMIT ANSWER-SCRIPT (In single PDF)

https://forms.gle/5TVZu6n9M8XCT3936