

# SREE CHAITANYA MAHAVIDYALAYA

(Affiliated by WEST BENGAL STATE UNIVERSITY)

**Internal Examination, 2021 – Sem. II**

**B.Sc. - General**

**PAPER-CODE: CEMGCOR02T / CEMHGEC02T**

**PAPER-NAME: Chemistry**

**Time: 30 Minutes**

**Full Marks: 8**

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

1. State the principle of equipartition of energy.
2. Which method and instrument are used for measuring surface tension of a liquid?
3. Write down the Bragg's equation explaining all the terms involved.
4. To complete 90% of a first order reaction requires 60 min. Calculate Half-life of that reaction.
5. Why is  $\text{H}_2\text{O}$  a liquid and  $\text{H}_2\text{S}$  a gas?

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

<https://forms.gle/5TVZu6n9M8XCT3936>