

SREE CHAITANYA MAHAVIDYALAYA

(Affiliated by WEST BENGAL STATE UNIVERSITY)

B.Sc. Sem-V, Internal Theory Examination, 2021-22

Chemistry (General)

CEMGDSE01T: Polymer Chemistry

Answer-scripts to be sent within 01 hour after exam at

scm.chem.exam@gmail.com

Time: 30 Minutes

Full Marks: 8

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

1. What is Polymer spherulite?
2. What are the monomers of Terylene?
3. Describe Suspension Polymerization technique.
4. Plot weight fraction vs molecular weight of polymer and point out M_n , M_v , M_z and M_w .
5. A polymer sample contain equal number of particles with molar masses 10,000 and 100,000 respectively. Calculate M_n and M_w .