

W-3265(A)

M.Sc. (Fourth Semester) Examination, (Second Chance) June-2020

CHEMISTRY

Paper - MCH-505

Solid State Chemistry

Time : Three Hours

Maximum Marks : 85 (For Regular Students)

Minimum Pass Marks : 29

Note : Attempt **all** questions.

Unit-I

Q.1. Discuss kinetics of solid state reaction and give advantages of solid state reactions.

Unit-II

Q.2. Explain Non stoichiometric defects in crystal.

Unit-III

Q.3. Explain doping semiconductors and p-n junctions.

Unit-IV

Q.4. Discuss organic charge transfer complexes with two suitable examples.

Unit-V

Q.5. Write notes on :

i) Characteristics of liquid crystals.

ii) Liquid crystal display.

