

Roll No.

Y – 3213
M.Sc. (Second Semester)
EXAMINATION, May/June 2021
INDUSTRIAL CHEMISTRY
Paper–204(B)
(Medicinal Chemistry-I)

Time : Three Hours

Maximum Marks : 85

Minimum Pass Marks : 29

Note : Attempt *all* questions.

Unit-I

1. Explain how drug are nomenclature. 17

Unit-II

2. Write synthesis and S.A.R. of any two of the following : 17
- (i) Mefenamic acid
 - (ii) Tetracycline
 - (iii) Ibuprofen.

Unit-III

3. Write the synthesis and SAR of : 17
- (i) Melphalan
 - (ii) Methotrexate.

Unit-IV

4. Write the synthesis of : 17
- (i) Erythromycin
 - (ii) Chloramphenicol.

Unit-V

5. Write the classification of anti-leprotic drugs and write the mode of action and adverse effects of clofazimine and Rifampin. 17