Time: 3 Hrs

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Code No.6159/Non-CBCS

Max. Marks: 70

FACULTY OF PHARMACY

B. Pharmacy 3/4 I-Semester (Non-CBCS) (Backlog) Examination, January 2020

Subject: Pharmacology - I

Note: Answer all questions. All questions carry equal marks. 1. (a) Write n detail abt varis biotransformation reactions with examples. 10 (b) Define the following: 4 (i) Therapeutic Index. (ii) Biological half life. OR (c) Explain in detail abt the advantages and disadvantages of different rtes of drug administration. 14 7 2. (a) Write the pharmacological effects of acetyl choline. (b) Explain the varis therapeutic uses and adverse reactions of (β) – adrenergic 7 blocers. OR (c) Explain the pharmacological actions and therapeutic uses of the following: 7+7 (i) Acetylocholinesterase Inhibitors. (ii) β - Adrenergic blockers. 3. (a) Classify anti-depressants and explain the mechanism of action, adverse reactions and therapeutic uses of any two class of drugs. 6+8 OR (b) Write the classification of Non-sterodial anti-inflammatory agents and explain the details of any two classes of drugs. 6+8 4. (a) Define arrhythmia. Classify the anti-arrythmic agents with examples. Write abt the mechanism of action and adverse reactions of any one class of drugs. 2+5+7 OR (b) Write short notes on: 7+7 (i) Bronchodilators. (ii) Anti-anginal agents. 5. (a) Classify the agents used in treatment of peptic ulcer disease. Write abt the pharmacological actions and therapeutic uses of Ranitidine and Omeprazole. 4+5+5 OR (b) Write abt the following: 7+7 (i) Anti-diarrhoeal agents.

(ii) Anti-emetic agents.