

SEMESTER EXAMINATION-2021-22
CLASS – B. PHARM- VTH SEM
SUBJECT- MEDICINAL CHEMISTRY -II
PAPER CODE: BP-501T

Time: 3 hour

Max. Marks: 75

Min. Pass: 40%

Note: Question Paper is divided into two sections: **A and B**. Attempt both the sections as per given instructions.

SECTION-A (SHORT ANSWER TYPE QUESTIONS)

Instructions: Answer any five questions in about 150 words each. Each question carries seven marks. (5 X 7 = 35 Marks)

Question-1: Write a note on anti-coagulant.

Question-2: Describe the plant products used in anticancer therapy.

Question-3: Explain the SAR of antihistaminic agents.

Question-4: Explain the Gastric Proton pump inhibitors.

Question-5: Define and classify the H₂ Antihistaminic agents.

Question-6: Write a short note on oral contraceptives.

Question-7: Write a note on sex hormones.

Question-8: Explain the ACEs Inhibitors in Antihypertensive agents.

Question-9: Write the structure of Chlorthiazide, Hydrochlorothiazide, Hydroflumethiazide, Cyclothiazide,

Question-10: Write the note on antithyroid drugs.

SECTION-B (LONG ANSWER TYPE QUESTIONS)

Instructions: Answer any FOUR questions in detail. Each question carries 10 marks. (4 X 10 = 40 Marks)

Question-1: Define the diabetes. Classify the antidiabetic agents. Explain each class

Question-2: Explain the Antibiotics in detail.

Question-3: Explain the Diuretics. Discuss potassium sparing diuretics with examples.

Question-4: Describe and classify the local anaesthetics.

Question-5: Discuss the neoplasm, classify the antineoplastic agents. Explain the alkylating agents in detail.

Question-6: Define, classify the antihypertensive agents. Explain with examples.

Question-7: Define and classify the antihistaminic agents.

Question-8: Discuss the antiarrhythmic agents.

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