

Total No. of Questions : 3]

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SEAT No. :

PA-872

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[5940]-5001

Third Year B. Pharmacy

BP 501T : MEDICINAL CHEMISTRY - II

(2019 Pattern) (Semester - V)

Time : 3 Hours]

[Max. Marks : 75

Instructions to the candidates :

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- 1) All questions are compulsory.
- 2) Figures to the right indicate full marks.

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Q1) Attempt the following : (Any 5)

[5 × 3 = 15]

- a) Write a note on gastric proton pump inhibitors.
- b) Write mechanism of action & medicinal applications of prazosin.
- c) Write mechanism of action & medicinal applications of chlorpheniramine.
- d) Discuss in detail HMG CO - A reductase inhibitors.
- e) Explain in brief anti-coagulants.
- f) Write a note on drugs for erectile dysfunction.
- g) Write a note on anti-thyroid agents.

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Q2) Attempt the following: (Any 2)

[2 × 10 = 20]

- a) What are estrogens? Classify them with examples. Give SAR of estrogens. Give therapeutic uses of estrogens
- b) Define diuretics, classify diuretics with suitable examples, write mechanism of action & medicinal applications of drugs belonging to class thiazides.
- c) What is angina pectoris? Classify antianginal agents with examples, write mechanism of action & medicinal applications of drugs belonging to class vasodialators.
- d) Classify anti hypertensive agents with suitable examples. Give SAR & MOA of calcium channel blockers.

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P.T.O.