



Instructions:

- 1) All questions are compulsory
- 2) Draw diagrams wherever necessary for Question no. 2, 3 and 4.
- 3) Answers of Questions and Sub questions must be written strictly according to the serial order of question paper, otherwise the question shall not be valued
- 4) Do not write anything on the blank portion of the question paper. If written anything, such type of act will be considered as an attempt to resort to unfair means.

Time : 2.30 Hours

Maximum Marks : 32

Q. 2. Long Answer Question

2 X 5 = 10

- a. Classify alpha blockers, describe their uses and adverse effects
- b. Name three drugs from different groups used for emergency treatment of heart failure; describe basis of use and limitation of each drug.

Q3. Short Answer Question

4 X 3 = 12

- a. How organophosphorus compound poisoning is treated?
- b. Explain briefly treatment of glaucoma
- c. What is the pharmacological basis of use of ranitidine, omeprazole and mesoprostol in treatment of peptic ulcer
- d. Describe drugs used in acute attack of bronchial asthma

Q4. Very Short Answer Question

10 X 1 = 10

- a. Define with example competitive antagonism
- b. Enumerate antimuscarinic mydriatics
- c. Name contraindications of beta blockers
- d. Give four examples of rational drug combinations
- e. What is pharmacokinetic peculiarity of atracurium
- f. Explain phenomenon of tachyphylaxis
- g. Why ezetimibe is used in dyslipidemia
- h. Explain why iron is not useful in case of chronic renal failure
- i. Differentiate heparin and warfarin
- j. Define expectorant giving example