

B. PHARM. THIRD YR. SECOND SEMMESTER EXAMINATION - 2019

Medicinal Chemistry II

Time: 3 Hour

Full Marks: 100

Answer any two questions

Group 'B'

4. Write a note on 'osmotic diuretics'. 20
5. How do you prepare:
- a) Methazolamide, b) Dichlorophenamide and c) Disulphamide
- Discuss with chemical equations. 7 + 6 + 7 = 20
6. a) Discuss synthetic steps with chemical equations:
- (i) Benzthiazide, (ii) Bendroflumethazide and (iii) Polythiazide.
- b) Write the structure-activity relationship (SAR) of benzothiadiazines. 5 X 3 + 5 = 20
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BACHELOR of PHARMACY EXAMINATION, 2019

(3rd YEAR 2nd Semester)

Medicinal Chemistry-II

Time : Three hours

Full Marks : 100

GROUP - A

All questions are compulsory.

1. Write notes on following?
 - I. SAR of Local Anaesthetics?10
 - II. Give structure and use of the following: 10
 - 1) Nitrous oxide
 - 2) Halothane
 - 3) Prilocaine
 - 4) Carbidopa
 - 5) Alprazolam
2. Notes on following? any two 20
 - I. GABA_A receptor modulators
 - II. Benzodiazepines
 - III. Selective Serotonin Reuptake Inhibitors
 - IV. Tricyclic Antidepressants
3. Solve the following?
 - I. Types of epilepsy?5
 - II. Short note on Expectorants and antitussive agents? 5
 - III. Write a note on dopamine metabolism and its role in PDs?10