

## III/IV B.PHARMACY (Supply) DEGREE EXAMINATIONS, APRIL/MAY-2019

5<sup>th</sup> SemesterB.PHARMACY  
PHARMACOLOGY-I

Time: Three Hours

Maximum marks:70

## SECTION-A

Answer any FOUR Questions

4X10=40M

1. Discuss about adverse drug reactions?
2. Discuss about the Classification and therapeutic uses of beta agonists?
3. Discuss about the pharmacology of Opioid analgesics?
4. Explain about the mechanism of action and adverse effects of anti depressant drugs?
5. Describe the physiology of emesis? Add a note on 5HT<sub>3</sub> antagonists?
6. Discuss about the Classification and the mechanism of action of diuretics?

## SECTION-B

Answer any TEN Questions

10X3=30M

7. Explain briefly about drug receptors?
8. Explain briefly about the effect of disease on drug action?
9. Write short notes on atropine?
10. Write short notes on succinyl choline?
11. Write briefly about inhalation anaesthetics?
12. Classify anti Parkinsonism drugs with examples?
13. Write a note on newer anti epileptic drugs?
14. Write short notes on amphetamine?
15. Classify anti ulcer drugs with examples?
16. Write short notes on laxatives?
17. Explain briefly about xylocaine?
18. Write about the therapeutic uses of diuretics?

**III/IV B.PHARMACY (Regular) DEGREE EXAMINATIONS, NOV-2018**  
**5<sup>th</sup> Semester**  
**B.PHARMACY**  
**PHARMACOLOGY-I**

**Time: Three Hours****Maximum marks:70****SECTION-A****Answer any FOUR Questions****4X10=40M**

1. Classify drug receptors. Discuss about the structure activity relationship of drugs.
2. Classify adrenergic antagonists with examples. Add a note on beta blockers.
3. Discuss about the pharmacology of opioid analgesics.
4. Discuss about the symptoms and therapy of Schizophrenia.
5. Explain about the physiology of emesis. Discuss about anti emetics.
6. Discuss about the pharmacology of local anaesthetics. Explain about their routes of administration.

**SECTION-B****Answer any TEN Questions****10X3=30M**

7. Write short notes on Type A and Type C adverse drug reactions.
8. Discuss about the mechanism of drug action through inotropic receptors.
9. Write short notes on atropine.
10. Write short notes on succinyl choline.
11. Write briefly about aspirin.
12. Write short notes on inhalation anaesthetics.
13. Classify anti epileptic drugs with examples.
14. Write short notes on L-DOPA and caffeine.
15. Write briefly about antacids.
16. Write briefly about omeprazole.
17. Write short notes on thiazide diuretics
18. Explain the mechanism of action and adverse effects of frusemide.

**III/IV B.PHARMACY DEGREE EXAMINATIONS, NOVEMBER-2017**  
**Fifth Semester**  
**B.PHARMACY**  
**PHARMACOLOGY-I**

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**Time: Three Hours****Maximum marks:70****SECTION-A****Answer any FOUR Questions****4X10=40M**

1. Discuss about the mechanism of drug action through receptors.
2. Classify sympathomimetics with examples. Discuss briefly about beta 2 agonists.
3. Classify analgesics with examples. Discuss briefly about morphine.
4. Discuss about the mechanism of action and adverse effects of anti depressants.
5. Classify anti ulcer drugs with examples. Discuss briefly about proton pump inhibitors.
6. Discuss about the pharmacology of loop diuretics.

**SECTION-B****Answer any TEN Questions****10X3=30M**

7. Write short notes on topical route of drug administration.
8. Discuss briefly about adverse drug reactions.
9. Write short notes on neostigmine.
10. Classify neuromuscular blockers with examples.
11. Write short notes on aspirin.
12. Discuss briefly about benzodiazepines.
13. Classify anti Parkinsonism drugs with examples.
14. Write short notes on phenytoin.
15. Write short notes on loperamide.
16. Discuss briefly about emetics.
17. Discuss briefly about the mechanism of action of local anaesthetics.
18. Write short notes on thiazide diuretics.



**III/IV B.PHARMACY DEGREE EXAMINATIONS, NOVEMBER-2016**

**(5<sup>th</sup> Semester)**

**B.PHARMACY**

**PHARMACOLOGY-I**

**Time: Three Hours**

**Maximum marks:70**

**SECTION-A**

**Answer any FOUR questions. (4 x 10=40 M)**

1. Classify adrenergic antagonists with examples? Explain the pharmacology of beta blockers?
2. Discuss about the pharmacology of morphine?
3. What are the symptoms of Schizophrenia? Discuss about its therapy?
4. Discuss about the classification and mechanism of action of anti epileptic drugs?
5. Discuss about the pharmacology of loop diuretics?
6. Discuss about the pharmacology of neuromuscular blocking drugs?

**SECTION-B**

**Answer any TEN questions. (10 x 3=30 M)**

7. Define LD<sub>50</sub> and ED<sub>50</sub>? Write briefly about therapeutic index?
8. Write short notes on adverse drug reactions?
9. Write short notes on Atropine?
10. Explain briefly about intravenous anaesthetics?
11. Write short notes on therapeutic uses and adverse effects of Aspirin?
12. Write short notes on L DOPA and Carbidopa?
13. Explain briefly about selective serotonin reuptake inhibitors?
14. Write short notes on Gout?
15. Write short notes on proton pump inhibitors?
16. Explain about the mechanism of action and therapeutic uses of local anaesthetics?
17. Classify anti emetics with examples.
18. Write short notes on adrenaline?

**III/IV B.PHARMACY (Supply) DEGREE EXAMINATIONS, MAY-2016**

**Fifth Semester**

**PHARMACOLOGY-I**

**Time: Three Hours**

**Maximum marks:70**

**SECTION-A**

**Answer any FOUR questions. (4 x 10=40 M)**

1. (a) Classify anti-inflammatory drugs. Discuss in detail the pharmacology of salicylates.  
(b) Write short notes on Drug abuse.
2. Write short notes on  
(a) Pathophysiology of Parkinsonism and add a note on the therapeutic advantage of L-Dopa in combination with Carbidopa.  
(b) CNS stimulants
3. Classify Diuretics and discuss the pharmacology of loop diuretics and potassium sparing diuretics.
4. What is the difference between psychosis and schizophrenia? Classify antipsychotic drugs and discuss the pharmacology of schizophrenia.
5. What is Dale's vasomotor reversal phenomenon? Classify sympatholytics and discuss the pharmacology of  $\alpha$  and  $\beta$  adrenergic blocking agents.
6. Describe the activity of neurotransmitters of CNS. Classify hypnotics-sedatives. Discuss the pharmacology of benzodiazepines.

**SECTION-B**

**Answer any TEN questions. (10 x 3=30 M)**

Write brief notes on the following

7. Therapeutic index.
8. Pralidoxime
9. Pharmacology of d-tubocurarine
10. Sucralfate
11. Factors effecting ADME of drugs
12. Sodium valproate
13. Tachyphylaxis
14. COX-2 inhibitors
15. B-blockers in treatment of glaucoma
16. Disulfuram
17. H<sub>2</sub>- receptor blockers
18. Allopurinol

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**III/IV B.PHARMACY (Supply) DEGREE EXAMINATIONS, April/May-2018**

**Fifth Semester**

**B.PHARMACY**

**PHARMACOLOGY-I**

**Time: Three Hours**

**Maximum marks:70**

**SECTION-A**

**Answer any FOUR Questions**

**4X10=40M**

1. Discuss about non receptor mediated mechanism of drug action.
2. Classify parasympathomimetics with examples. Discuss briefly about neostigmine.
3. Classify analgesics with examples. Discuss briefly about COX II inhibitors.
4. Discuss about the mechanism of action and adverse effects of anti psychotics.
5. Classify anti emetic drugs with examples. Discuss briefly about 5 HT 3 antagonists.
6. Discuss about the pharmacology of local anaesthetics.

**SECTION-B**

**Answer any TEN Questions**

**10X3=30M**

7. Write short notes on intra venous route of drug administration.
8. Discuss briefly about drug receptors.
9. Write short notes on atenolol.
10. Classify sympathomimetics with examples.
11. Write short notes on opioid receptors.
12. Discuss briefly about thiopental.
13. Classify anti depressant drugs with examples.
14. Write short notes on L DOPA.
15. Write short notes on omeprazole.
16. Discuss briefly about milk of magnesia.
17. Discuss briefly about the mechanism of action of frusemide.
18. write short notes on adverse effects and therapeutic uses of diuretics.