

Total No. of Questions : 07]

II/VI PHARM-D DEGREE EXAMINATIONS, AUGUST - 2022**Second Year****PHARMACOLOGY - I**Time : **Three Hours**Maximum : **70 Marks****Answer any FIVE Questions.****5x14 = 70 M****All Questions carry equal marks**

1. Write the brief pharmacology of
 - a) Hypoglycemic agents.
 - b) Anti-histaminics.
2. Explain the pharmacology of drugs used for treatment of
 - a) Congestive Heart failure.
 - b) Parkinsonism.
3. Discuss the different stages of Anaesthesia and write brief pharmacology of General - Anaesthetics.
4. Describe the pharmacology of :
 - a) Antiadrenergics.
 - b) Para Sympathomimetics.
5. Write the brief pharmacology of :
 - a) Ethyl alcohol & Disulfiram.
 - b) Nasal decongestants.
6. Describe the pharmacology & uses of Insulin, along with all the pharmacological effects of various parts of body.
7. Write short notes on following.
 - a) Preclinical evaluation.
 - b) Drug toxicity.
 - c) Drug interactions.



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II/VI Pharma.D (Regular & Supply) DEGREE EXAMINATIONS, AUG/SEP-2019**(Examination at the end of Second year)****PHARMACOLOGY-I****Time: Three Hours****Maximum marks:70****Answer any FIVE Questions.****5X14=70M****All questions carry equal marks.**

1. a) Write a note on the route of drug administration. Explain their merits and demerits.
b) Describe the factors modifying drugs effects.
2. a) Write a note on the pharmacology of cholinergic drugs.
b) Describe the pharmacology of drugs used in parkinsonism.
3. a) Classify antianginal drugs with examples. Describe the pharmacology of calcium channel blockers.
b) Write a note on the pharmacology of HMG-CoA reductase inhibitors.
4. a) Describe the pharmacology of benzodiazepines.
b) Describe the effects of alcohol. Add a note on the alcohol with drawal therapy.
5. a) Explain the pharmacology of bronchodialators.
b) Write a note on the mucolytics.
6. a) Describe the pharmacology of antithyroid drugs.
b) Write a note on the pharmacology of sulphonylureas.
7. Write a note on pharmacology of
 - a) H₁ receptor antagonists
 - b) Platelet activating factor.

II/VI Pharma.D (Regular) DEGREE EXAMINATIONS, April/May-2018
(Examination at the end of Second year)

Pharma-D

Paper IV-PHARMACOLOGY-I

Time: Three Hours

Maximum marks:70

Answer any FIVE questions.

All questions carry equal marks.

5X14=70M

1. a) Write a note on the pharmacokinetics of drugs.
b) Describe the preclinical evaluation of drugs.
2. a) Write a note on the pharmacology of neuromuscular blocking drugs.
b) Describe the pharmacology of β -agonists.
3. a) Classify antihypertensive drugs with examples. Describe the pharmacology of β -blockers.
b) Write a note on the pharmacology of class-1 antidysrhythmic drugs.
4. a) Describe the pharmacology of NSAIDS.
b) Write a note on the pharmacology of local anaesthetics.
5. a) Explain the pharmacology of expectorants.
b) Write a note on the nasal decongestants.
6. a) Describe the pharmacology of oral hypoglycaemic agents.
b) Write a note on the pharmacology of oxytocin.
7. Write a note on pharmacology of
a) 5 HT receptor antagonists b) COX inhibitors

II/VI PHARMA.D (Regular) DEGREE EXAMINATIONS, JULY- 2017**Second Year****Paper IV- PHARMACOLOGY-I****Time: Three Hours****Maximum marks:70****Answer any FIVE questions.****All questions carry equal marks.****5X14=70M**

1. a) Discuss about parenteral routes of drug administration.
b) Discuss about acute toxicity studies.
2. Discuss about the classification and therapeutic uses of the following
a) Choline esterase inhibitors b) Beta agonists
3. Explain about the mechanism of action of the following
a) Anti hypertensives b) Anti arrhythmics
4. Explain about the mechanism of action and adverse effects of the following drugs.
a) Phenytoin and sodium valproate b) Chlorpromazine and clozapine
5. Discuss about the pharmacology of the following drugs.
a) Leucotriene antagonists b) L-DOPA
6. Discuss about the following
a) Sulphonyl urea derivatives b) Uterine stimulants
7. Discuss about the following
a) Functions of histamine b) Biosynthesis of prostaglandins

II/VI Pharm.D DEGREE EXAMINATIONS, AUGUST/SEPTEMBER-2016

PAPER-IV

PHARMACOLOGY-I

Time: Three Hours

Maximum marks:70

Answer any FIVE questions.

All questions carry equal marks.

5X14=70M

1. Discuss about the following?
 - a) Phase I metabolic reactions
 - b) G protein coupled receptors
2. Write about the following?
 - a) Adrenergic receptors
 - b) Choline esterase inhibitors
3. Classify the following with examples?
 - a) Anti arrhythmic drugs
 - b) Adrenergic agonists
4. Explain the mechanism of action of the following?
 - a) Anti anginal drugs
 - b) Local and general anaesthetics
5. Discuss about the mechanism of action and adverse effects of the following?
 - a) Anti convulsants
 - b) Antidepressants
6. Discuss about the mechanism of action, therapeutic uses and adverse effects of the following?
 - a) Anti thyroid drugs
 - b) Oral pills
7. Discuss about the following?
 - a) Functions of Prostaglandins
 - b) Histamine receptor antagonists