

D. PHARMACY SECOND YEAR EXAMINATION, NOVEMBER 2023
EDUCATION REGULATIONS ER 2020

PHARMACOLOGY (Question Paper code: 161120233)
(Subject Code: 20211)

Time: Three hours

Maximum marks: 80

Note: 1. Answer all the questions.
2. Draw diagrams wherever necessary

I. Fill in the blanks

1x5 = 5

- 1) Iatrogenic disease means _____
- 2) _____ muscarinic receptors are present in the heart.
- 3) The drug used for the treatment of chronic alcoholism is _____
- 4) Drugs used for relieving pain are called _____
- 5) _____ are carbonic anhydrase inhibitors.

II. Choose the correct answer

1 x 5 = 5

- 1) "ENO, Gelusil, Diegene" etc. are examples of _____ drugs
(a) Antifertility (b) Tranquilizer (c) Antacid (d) Antihistamine
- 2) Aspirin should be used with caution in conditions _____
(a) Asthma (b) Headache (c) Fever (d) Tachycardia
- 3) An example of β -lactum antibiotic is _____
(a) Streptomycin (b) Rifamycin (c) Cephalosporin (d) Chloramphenicol
- 4) Quinine is used for treatment of _____
(a) Malarial fever (b) Tuberculosis (c) Stomach ache (d) Cardiac arrhythmias
- 5) The most common side effect of nitroglycerin is _____
(a) Diarrhoea (b) Headache (c) Hypertension (d) Sedation

III. Match the following

1 x 5 = 5

	A	B
1	Pilocarpine	Grey baby syndrome
2	Chloramphenicol	Narcotic analgesic
3	Propranolol	Tocolytic
4	Morphine	Chloinergic agent
5	Oxytocin	Beta adrenergic blocker

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IV. Write very short answers

- 1) Hypnotic
- 2) Angina pectoris
- 3) Teratogenicity
- 4) Examples of bactericidal agents
- 5) COPD

1 x 5 = 5

V. Write Short Answers on ANY TEN of the following

- 1) Estrogen & Progesterone
- 2) Semisynthetic penicillins
- 3) Physiological role 5 hydroxytryptamine
- 4) Local anaesthetics
- 5) Antacids
- 6) Drugs used in Parkinsonism
- 7) Factors affecting bioavailability
- 8) Classify antidiarrheal drugs
- 9) Uses of opioid analgesics
- 10) Drugs used in glaucoma
- 11) Bronchodilators

10 x 3 = 30

VI. Answer ANY SIX of the following in detail 6x5 = 30

1. What are the various routes of administration? Write its advantages and disadvantages.
2. What are cardiac glycosides? Explain in detail the pharmacological action of cardiac glycosides.
3. Classify cholinergic drugs and explain in detail the mechanism of action and pharmacological actions of acetylcholine.
4. Classify anticancer drugs. Write an account on alkylating agents.
5. Explain briefly about anti thyroid drugs.
6. Define anti epileptic drugs. Classify with suitable examples and write the pharmacological action of phenytoin sodium.
7. Define sulphonamides. Classify with suitable examples. Write the pharmacological action of sulphonamides.
