



PAPER ID-420124

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Subject Code: BP602T

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BPHARMA
(SEM VI) THEORY EXAMINATION 2021-22
PHARMACOLOGY III – THEORY

*Time: 3 Hours**Total Marks: 75***Note:** 1. Attempt all Sections. If require any missing data; then choose suitably.**SECTION A****1. Attempt all questions in brief. 10 x 2 = 20**

a.	Mention four antidiarrhoeal drugs.
b.	Define genotoxicity.
c.	What is biosimilars?
d.	Enlist nonsystemic antacids.
e.	What is biological clock?
f.	How does cotrimoxazole acts in our body?
g.	Suggest antidote for heavy metal poisoning.
h.	Mention few examples of uses of corticosteroids.
i.	Name the drugs used in the treatment of leprosy.
j.	Define chronotherapy and rhythm.

SECTION B**2. Attempt any two parts of the following: 2 x 10 = 20**

a.	Classify antiemetics. Explain mechanism of action, uses and side effects of domperidone.
b.	Narrate the various reasons for drug resistance and suggest some measures to control them.
c.	Explain the various categories of antitubercular drugs with examples and their mechanism of action. What is DOTS therapy?

SECTION C**3. Attempt any five parts of the following: 7 x 5 = 35**

a.	What is bronchial asthma? Classify the drugs used for its treatment suggesting their mechanism of action.
b.	Briefly narrate the various categories of antibiotics suggesting their mechanism of action with examples.
c.	Write an exhaustive note on Sexually transmitted diseases.
d.	Illustrate with suitable examples the various types of immunostimulants.
e.	Explain the clinical symptoms and management of barbiturates and arsenic poisoning.
f.	Write short notes on: i. Acute and chronic toxicity ii. Protein drugs
g.	Explain the mechanism of action, side effects and therapeutic uses of alkylating agents.

B PHARM
(SEM VI) THEORY EXAMINATION 2022-23
PHARMACOLOGY-III

Time: 3Hours**Total Marks: 75****Note:** Attempt all Sections. If require any missing data; then choose suitably.**SECTION A****1. Attempt all questions in brief. 2 x 10 = 20**

- a. Differentiate Antitussives and Expectorants.
- b. Enlist the name of emetics.
- c. Quote the adverse effects of Chloramphenicol.
- d. Give the uses of Cephalosporins.
- e. Classify anti-malarial drugs.
- f. Enlist anti-amoebic drugs.
- g. Give mechanism of action of Muromonab CD3.
- h. What is genotoxicity?
- i. Define teratogenicity.
- j. Demonstrate Chronopharmacology.

SECTION B**2. Attempt any two parts of the following: 10 x 2 = 20**

- a. Classify Anti-asthmatic drugs. Write mode of action, adverse drug reactions and uses of Sympathomimetics.
- b. Classify Anti-viral drugs. Write mode of action, adverse drug reactions and uses of Acyclovir.
- c. Explain Immunomodulator drugs. Write mode of action, adverse drug reactions and uses of Cyclophosphamide.

SECTION C**3. Attempt any five parts of the following: 7 x 5 = 35**

- a. Classify Anti-ulcer drugs. Write mode of action, adverse drug reactions and uses of proton pump inhibitors.
- b. Classify Sulfonamides. Write mode of action, adverse drug reactions and uses of Cotrimoxazole.
- c. Enlist Anti-fungal drugs. Write mode of action, adverse drug reactions and uses of Polyene antibiotics.
- d. Write mode of action, adverse drug reactions and uses of Dapsone and Clofazimine.
- d. Write a detailed note on biosimilars.
- e. Explain the treatments and management of barbiturates and arsenic poisoning.
- f. Illustrate the treatment of urinary tract infections.
- g.



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BPHARM
(SEM VI) THEORY EXAMINATION 2023-24
PHARMACOLOGY III THEORY

TIME: 3 HRS**M.MARKS: 75**

Note: 1. Attempt all Sections. If require any missing data; then choose suitably.

SECTION A

1. Attempt all questions in brief.

10 x 2 = 20

a.	
b.	Write the etiology of asthma.
c.	Enlist some nasal decongestants.
d.	Write the mechanism of appetite stimulation.
e.	Write the side effects of sulfonamides.
f.	Write the mode of action of acyclovir.
g.	Write the role of DNA gyrase.
h.	Enlist some immune markers.
i.	Define chronopharmacology.
j.	Define mutagenicity.
	Define biological clock.

SECTION B

2. Attempt any two parts of the following:

2 x 10 = 20

b.	Write the pharmacology of chloramphenicol.
c.	Classify drugs used in the management of COPD. Describe any one drug.
	Write the classification, mode of action and interactions of tetracyclines.

SECTION C

3. Attempt any five parts of the following:

7 x 5 = 35

b.	Describe the principle of phototoxicity.
c.	Discuss the scope of immunostimulants.
d.	Discuss the etiology and treatment of sexually transmitted disease.
e.	Write the classification of antitubercular agents; explain the mode of action of PAS.
f.	Classify anticancer drugs; write mode of action of alkylating agents.
g.	Suggest the treatment of mercury poisoning.
	Write the mode mechanism of organophosphorous poisoning; how it can be treated?



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BPHARM
(SEM VI) THEORY EXAMINATION 2024-25
PHARMACOLOGY III - THEORY

TIME: 3 HRS

M.MARKS: 75

Note: Attempt all Sections. In case of any missing data; choose suitably.

SECTION A1. Attempt *all* questions in brief.

2 x 10 = 20

Q no.	Question
a)	Suggest antidote for heavy metal poisoning.
b)	Enlist the name of emetics.
c)	Illustrate the term chemotherapy?
d)	What are antibiotics?
e)	Write example and use of Anthelmintics.
f)	What is Biosimilars.
g)	Name the drugs used in the treatment of Leprosy?
h)	Discuss the term monoclonal antibody.
i)	Enlist some Nasal Decongestants.
j)	Differentiate between acute and chronic toxicity.

SECTION B2. Attempt any ^{two} *three* of the following:

10 x 2 = 20

Q no.	Question
a)	Classify Antiulcer drugs. Explain the MOA, uses and adverse effects of proton pump inhibitors.
b)	Classify Anti-viral drugs. Write mode of action, adverse drug reactions and uses of Acyclovir.
c)	Write the pharmacology of chloramphenicol.

SECTION C3. Attempt any ^{five} *one* part of the following:

07 x 5 = 35

Q no.	Question
a)	Classify anti-asthmatic drugs. Write detailed pharmacology of Salbutamol.
b)	Classify anticancer drugs. Write mode of action of alkylating agents.
c)	Classify and discuss the pharmacology of Flouroquinolins.
d)	Enlist Anti-fungal drugs. Write mode of action, adverse drug reactions and uses of Polyene antibiotics.
e)	Describe the principle of Genotoxicity.
f)	Explain the treatments and management of barbiturates and arsenic poisoning.
g)	Illustrate the treatment of Urinary Tract Infection.



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BPHARM
(SEM VI) THEORY EXAMINATION 2025-26
PHARMACOLOGY III – THEORY

TIME: 3 HRS

M.MARKS: 75

Note: 1. Attempt all Sections. If require any missing data; then choose suitably.

SECTION A

1. Attempt all questions in brief.

10 x 2 = 20

a.	Enlist two drugs used in the management of COPD.
b.	What are anticholinergics? Give two examples.
c.	Define chemotherapy.
d.	Write two adverse effects of penicillin.
e.	What are biosimilars?
f.	Define teratogenicity.
g.	Write the mechanism of action of acyclovir.
h.	Mention two symptoms of barbiturate poisoning.
i.	Define circadian rhythm.
j.	Name two heavy metal poisons.

SECTION B

2. Attempt any two parts of the following.

2 x 10 = 20

a.	Describe emetics and anti-emetics with their classification. Write the mechanism of action and therapeutic uses of Ondansetron.
b.	What are aminoglycoside antibiotics? Write the antimicrobial spectrum, mechanism of action, adverse reactions and therapeutic uses of streptomycin.
c.	Classify immunosuppressant drugs. Explain the mechanism of action and therapeutic uses of calcineurin inhibitors.

SECTION C

3. Attempt any five parts of the following.

7 x 5 = 35

a.	Discuss the pharmacology of Pantoprazole.
b.	Classify and discuss the pharmacology of anti-asthmatic drugs.
c.	Classify anticancer drugs and write the mechanism of action of microtubule damaging agents.
d.	Classify and discuss the pharmacology of antimalarial drugs.
e.	Explain organophosphorus poisoning with symptoms and management.
f.	Classify antitubercular drugs. Explain the mechanism of action of first-line antitubercular drugs.
g.	Explain the concept of chronopharmacology and its clinical significance.