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P.D 3.1

III/VI PHARM-D DEGREE EXAMINATIONS, JULY - 2022

Third Year

PHARMACOLOGY - II

Time : Three Hours

Maximum : 70 Marks

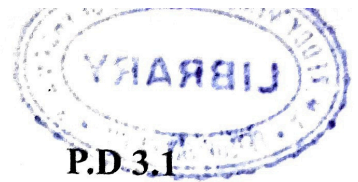
Answer any FIVE Questions.

5x14 = 70 M

All Questions carry equal marks

1. a) What are anti-platelet agents and clarify them. Discuss in detail about aspirin.
b) Discuss the pharmacology of warfarin as an anti-platelet coagulant.
2. Classify diuretics. Write in detail about potassium sparing and wasting diuretics.
3. a) Write a short notes on
 - (i) Penicillin.
 - (ii) Sulfonamides.b) Write about Anti-malarial drugs.
4. a) Classify immunosuppressants & role of glucocorticoids in Immunosuppression.
b) Write a short notes on Immunostimulants.
5. Discuss in detail about principles of animal toxicology.
6. What is Gene therapy ? Discuss in detail types of Genetherapy and their examples.
7. a) Write about basic principles of gene regulation in Prokaryotes & Eukaryotes.
b) Highlight the Lac-operon concept.





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III/VI Pharma.D (Regular) DEGREE EXAMINATIONS, APRIL-2019

Third Year

PHARMA-D

PHARMACOLOGY-II

Time: Three Hours

Maximum marks:70

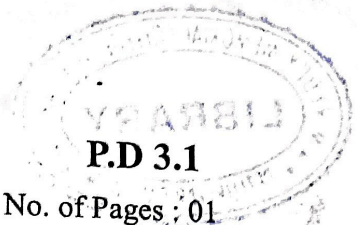
Answer any FIVE questions.

All questions carry equal marks.

5X14=70M

1. Discuss about the pharmacology of the following.
 - a) Anti platelet drugs
 - b) Loop diuretics
2. Discuss about the classification and mechanism of action of the following.
 - a) Pencillins
 - b) Anti malarial drugs
3. Explain the mechanism of action of and adverse effects of the following:
 - a) Anti HIV drugs
 - b) Anti metabolites
4. Discuss about the therapeutic uses and adverse effects of the following.
 - a) Immunosuppressants
 - b) Tetracyclines
5. Discuss about the following
 - a) Acute toxicity studies
 - b) Plant based anti cancer drugs
6. Explain about the following
 - a) Structure of chromosome
 - b) Cell signaling through ion channels
7. Discuss about the following
 - a) Genetic mutations
 - b) Transcription





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III/VI PHARMA-D (Regular) DEGREE EXAMINATIONS, April-2018
Third Year
PHARMA-D
PHARMACOLOGY-II

Time: Three Hours

Maximum marks:70

Answer Any FIVE Questions

All Questions carry equal marks

5X14=70M

1. Classify anti platelet drugs with examples. Discuss about clopidogrel.
2. Discuss about the mechanism of action, therapeutic uses and adverse effects of diuretics.
3. Classify penicillins with examples. Explain their mechanism of action and adverse effects.
4. Discuss about the pharmacology of corticosteroids as immunosuppressants.
5. Discuss about the chemotherapy of tuberculosis. Add a note on the therapy of tuberculosis in HIV patients.
6. Describe the structure of chromosome. Add a note on DNA replication.
7. What is transcription? Discuss about transcription factors.



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III/VI PHARMA.D (Regular) DEGREE EXAMINATIONS, JULY- 2017
THIRD YEAR

Paper I- PHARMACOLOGY-II

Time: Three Hours

Maximum marks:70

Answer any FIVE questions.

All questions carry equal marks.

5X14=70M

1. Discuss about the mechanism of action, therapeutic uses and adverse effects of thrombolytics.
2. Discuss about the mechanism of action, therapeutic uses and adverse effects of sulpha drugs.
3. Classify anti cancer drugs with examples. Explain their mechanism of action and adverse effects.
4. Discuss about the pharmacology of calcination inhibitors as immunosupressants.
5. Discuss about the chemotherapy of malaria. Add a note on the threapy of cerebral malaria.
6. Describe the structure of DNA. Add a note on DNA binding proteins.
7. Explain the mechanism of protein synthesis? Discuss about the role of RNA in protein synthesis.

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III/VI Pharm.D (Regular) DEGREE EXAMINATIONS, JULY/AUG-2016
Paper I- PHARMACOLOGY-II

Time: Three Hours

Maximum marks:70

Answer any FIVE questions.

All questions carry equal marks.

1. Discuss about the mechanism of action and adverse effects of the following? 14
 - a) Anti coagulants
 - b) Fluoroquinolones
2. Write about the following? 14
 - a) Aminoglycosides
 - b) Anti fungal drugs
3. Classify the following with examples? 14
 - a) Pencillins
 - b) Diuretics
4. Explain the mechanism of action of the following? 14
 - a) Immunosuppressants
 - b) Anti cancer drugs
5. Discuss about the pre clinical toxicity studies? 14
6. Explain about the following?
 - a) Cell signaling through ion channels
 - b) Biosensors
7. Discuss about the following?
 - a) Cell cycle regulators
 - b) Recombinant DNA technology