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M. PHARMACY (Regular) DEGREE EXAMINATIONS, DECEMBER-2022

Second Semester PHARMACOLOGY

ADVANCED PHARMACOLOGY - II

Time: Three Hours

Maximum: 75 Marks

SECTION - A

Answer any FIVE Questions.

5x5 = 25 M

- 1. Explain the MOA of insulin.
- 2. Write the MOA of oral contraceptives.
- 3. Discuss the role of calcium in human body.
- 4. Emphasize about resistance of Antimicrobial agents.
- 5. Explain the use of Immuno suppresants.
- 6. What is antiemetics? Explain.
- 7. What is Circadian Rhythm?

SECTION - B

Answer any FIVE Questions.

5x10 = 50 M

- 8. Discuss the pharmacology of Macrolide Antibiotics
- 9. Explain the MOA, ADR's & Mechanism of resistance of β -lactam antibiotics.
- 10. Classify Anti emetics. Discuss the pharmacology of any two drugs.
- 11. Explain the pathology of COPD & its management.
- 12. Discuss about the role & importance of chromopharmacology.
- 13. Discuss in detail about pharmacology of Antiviral agents.
- 14. Explain the following:
 - a) Role of free radicals.
 - b) IBD.

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M. PHARMACY DEGREE EXAMINATIONS, JULY - 2022 Second Semester

PHARMACOLOGY

ADVANCED PHARMACOLOGY - II

Time: Three Hours

Maximum: 75 Marks

SECTION - A

Answer any FIVE Questions.

5x5 = 25 M

- 1. Discuss about MoA of Prolactin.
- 2. Write the MoA of oral hypoglycemic agents.
- 3. Explain about Anti TB drugs.
- 4. Emphasize about Anti viral agents.
- 5. Discuss the drugs used in treatment of Helminthiasis.
- 6. Write the pharmacological profile of Terbinafine.
- 7. Describe the role & physiological functions of prolactin in human body.

SECTION - B

Answer any FIVE Questions.

5x10 = 50 M

- 8. Explain in detail about Anti thyroid drugs.
- 9. Discuss in detail about sex hormones role in human body.
- 10. Write in detail about
 - a) Corticosteroids.
 - b) Chromo pharmacology.
- 11. Explain the pathology & Treatment of Helminthiasis.
- 12. Classify Antiasthmatics. Write about the treatment options for Asthama.
- 13. Explain the MoA & Pharmacotherapy of Diabetes.
- 14. Discuss the pharmacology of recent advances in treatment of Alzheimer's disease.



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M. PHARMACY (REGULAR) DEGREE EXAMINATIONS, JANUARY-2022

Second Semester PHARMACOLOGY

ADVANCED PHARMACOLOGY - II

Time: Three Hours

Maximum: 75 Marks

SECTION - A

Answer any FIVE Questions.

5x5 = 25 M

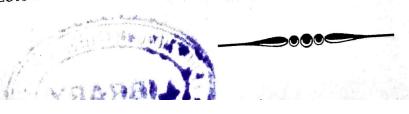
- 1. Discuss some recent advances in anti-cancer therapy.
- 2. Write short notes on oral contraceptives.
- 3. Discuss drugs affecting calcium regulation.
- 4. Write short notes on anti-tubercular agents.
- 5. Write the role of carticosteroid therapy in Asthma & Pregnancy.
- 6. Explain the application of chronotherapy in peptic ulcer.
- 7. Describe the role & physiological functions of prolactin in human body.

SECTION - B

Answer any FIVE Questions.

5x10 = 50 M

- 8. Write the MoA of β -Lactum drugs. Add a note on classification of cephalosporins.
- 9. Classify Anti ulcer agents with examples. Discuss the pharmacology of Proton pump inhibitors.
- 10. Describe the cellular events and Biochemical Mediators of Immune reaction.
- 11. Classify antineoplastic agents. Discuss the MoA & uses of prototype drugs and in cancer treatment.
- 12. Classify oral hypoglycemic agents with atleast 2 examples each. Describe the pharmacology of prototype drug.
- 13. Write the molecular & cellular MoA of Insulin in regulating various mechanisms of human body.
- 14. Give the classification of Anti fungal drugs. Write the MoA, Adverse effects & uses of azole derivatives.



M.PHARMACY (Regular) DEGREE EXAMINATIONS, AUGUST-2019

Second Semester PHARMACOLOGY

ADVANCED PHARMACOLOGY-II

Time: Three Hours

Maximum marks:75

SECTION-A

Answer any FIVE of the following.

5X5 = 25M

- 1. Explain the sources, types and pharmacokinetics of Insulin.
- 2. Write the mechanism of action of β -lactam antibiotics.
- 3. Discuss the role of WBC in Inflammation.
- 4. Emphasize the role of flavanoids as antioxidants.
- 5. Explain the use of antiemetics in cancer chemotherapy.
- 6. Write the mechanism of action of rifampicin.
- 7. Discuss impact of circadian rhythm in treatment of diabetes mellitus.

SECTION-B

Answer any FIVE of the following.

5X10 = 50M

- Discuss the pharmacology of oral contraceptives. 8.
- Explain the mechanism of action, adverse effects & mechanisms of resistance of 9.
 - Aminoglycosides a)
- **Quinolone** antibiotics b)
- Classify antiviral drugs Discuss in detail pharmacology of any one class of drug. 10.
- Explain the pathogical basis for COPD. Add a note on importance of mast cell 11. stabilizers and LT-modulators in treatment of COPD.
- Write short notes on 12.
 - Omeprazole a)

- Mucolytic expectorants b)
- Discuss in detail advances in treatment of Parkinsonism. 13.

P.T.O

14. Explain the following

- a) Genetic methods of antibiotic resistance
- b) Post antibiotic effect.



