

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 suppressants.
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.



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.



Total No. of Questions : 14]

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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 corticosteroid 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 -Lactam 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 ofazole 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

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

P.T.O

14. Explain the following

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

