

Question Bank

RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES, KARNATAKA

II Year Basic B.Sc (NURSING) (RS3)

PHARMACOLOGY – Q.P Code : 1762

Unit –I

Introduction to Pharmacology

Short Answers:

1. List four drugs prepared from Plant sources.
2. Enlist four drugs prepared from animal sources.
3. List four drugs prepared from Biological and Mineral sources.
4. List the principles of drug administration.
5. Enlist the various mechanisms of drug action in body.
6. List the factors affecting drug action.
7. List any two laws governing Drugs control.
8. Enlist the adverse conditions that lead to poor absorption of drug from gut.
9. Make a list of extrapyramidal symptoms.
10. Enlist the routes of Drug administration.

Unit II

Chemotherapy

Short Essays

1. Explain the types of Penicillins and their actions.
2. Classify antibiotics with suitable examples.
3. Explain the mechanism of action and adverse actions of Penicillin.
4. List the types of Cephalosporins. Write their actions and side effects.
5. Name two broad spectrum antibiotics. Write their uses and contraindications.
6. List the antitubercular antibiotics. Write the mode of action and side effects of any one.
7. Enlist the Amino -glycosides. Write the action and adverse effects of Gentamycin.
8. Name any two drugs belonging to Amino -glycosides. Write the action and adverse effects of any one.
9. Name any two the drugs belonging to Macrolides. Write the action and adverse effects of any one.
10. List the types of antibiotics. Explain the advantages, disadvantages and adverse reactions of Sulphonamides.
11. Write the action and adverse effects of Co-Trimoxazole.
12. What are Fluoroquinolones?. List their side effects.
13. Name any two anti amoebic drugs. Write the pharmacological name, mode of action, and contraindication for Metrogyl .
14. Name any two anti malarial drugs. List the action and contraindication for any one.
15. Explain the dosage, indication, and contraindication for Albendazole.
16. Name any two anti-scabies drugs. Explain the dosage and side effects of any one of them.
17. Name any two anti-viral drugs. Explain the indication and side effects of any one of them.
18. Name any two anti-fungal drugs. Explain the dosage and side effects of any one.
19. Enlist the anti tubercular drugs.
20. Explain the actions and side effects of Isoniazid.
21. Name any two anti-leprotic drugs. Explain the dosage and side effects of any one.
22. Classify the anti-cancer drugs
23. Name any two immune suppressants. Explain the dosage and side effects of any one.

Unit III

Pharmacology of commonly used antiseptics, Disinfectants and Insecticides

Short Answers

1. Name any four disinfectants
2. Name any two antiseptics and their indications
3. Name two each of the disinfectant Acids and Halogens
4. Name two each of the disinfectant Alcohols and oxidizing agents
5. Name two each of the insecticides and antiseptics.

Unit IV

Drugs acting on G.I. System

Short Answers:

1. Name any two of each of the anti emetics and anti-diarrhoeals.
2. Name any two of each of the Purgatives and anti-histaminics.
3. List any two of each of the emetics and anti-emetics.
4. Name any two of each of the anti diarrhoeals and electrolyte agents.
5. Name any two anti-motility drugs and mention two side effects of any one.
6. List two actions and two side effects of Potassium.

Unit V

Drugs acting on respiratory System

Short Answers:

1. List four antihistaminic drugs.
2. Name two decongestants and two mucolytics.
3. Name two antitussives and two mucolytics.
4. List the types of Bronchodilators.
5. Name any four bronchodilators.
6. Name any one broncho-constrictor and two of its side effects.

Unit VI

Drugs used on Urinary System

Short Answers:

1. List any four diuretics.
2. Write actions and side effects of Lasix.
3. Write the indication and any two side effects of Antidiuretic Hormone.
4. Name any urinary antiseptic with its two side effects.
5. Name any anti-cholinergic drug with its action on urinary tract.
6. Name any cholinergic drug with its action on urinary tract.
7. Mention two urinary antiseptics with two contra indications.
8. Name any Urinary alkalizer and its indication.

Unit VII

Miscellaneous

Short Answers

1. What is the action of Disulfiram?
2. Write the side effects of Bupropion Hydrochloride.
3. List any four drugs used in emergency.
4. List any four vitamin preparations.
5. List any four minerals preparations.
6. Write the actions of Calcium.
7. Write the toxic effects of Potassium.
8. Name two Immunosuppressants. Write two indications for its use.
9. Write the antidotes used in Opioid poisoning.
10. What is the action of polyvalent snake venom?
11. Name any four viral vaccines.
12. Name any two sera. Write their Indications.

UNIT – VIII

Drugs used on Skin and Mucous Membrane

Short Answers:

1. List four topical agents used on the skin.
2. Write four names of emollients.
3. List two skin protective agents. Write the action of any one.
4. What are the mydriatics? Write the side effects of atropine.
5. What are the myotics? Write the indication of Acetazolamide.
6. Name any antifungal ear drop. Write the contra indications for its use.
7. Write the meaning of ceruminolytic. Mention the dosage.
8. What are the decongestants? Give two examples.
9. Name any two mouth wash agents. Write two uses of them.
10. Name two anti pruritic agents along with the indication for use.

UNIT – IX

Drugs acting on Nervous System

Long Essays:

1. Classify analgesics. Explain the action and side effects of Aspirin.
2. Classify analgesics. Give two examples of Narcotic analgesics, their action and side effects.
3. Classify analgesics. Write the actions and side effects of any one non-steroidal anti inflammatory agent.
4. Classify analgesics. Write the actions and side effects of Morphine.
5. Classify anaesthetics. Write the action and adverse effects of any one general anesthetic.
6. What are the Hypnotics? Write the Therapeutic uses and Adverse effects of Barbiturates.
7. What is a tranquilizer? Classify tranquilizers. What are the pharmacological actions of Tranquillizers?
8. Classify anti-psychotics. Explain the actions and adverse effects of antipsychotics.
9. Classify tranquilizers. What are the pharmacological actions and side effects of Monoamine Oxidase Inhibitor?
10. Classify Muscle relaxants. Write the actions and side effects of Muscle relaxants.
11. Write the pharmacological action and Therapeutic use of Adrenaline.
12. Write the pharmacological action and side effects of Noradrenaline.
13. Name any two anticonvulsants. Write the mode of action and adverse effects of any one.

14. Give one example each of cholinergic and anticholinergic drug. Write the mechanism of action of Acetylcholine.
15. Classify the CNS stimulants. Write the action and side effects of any one.

Unit X

Cardio-vascular drugs

Short Essays:

1. What are the Hematinics? Mention two Iron preparations. Write the toxic effects of any one.
2. Explain the pharmacological actions and toxic effects of Cardiac glycosides.
3. Explain the pharmacological actions and toxic effects of Digitalis.
4. Classify anti-anginal drugs. Explain the side effects of Nitroglycerine.
5. Classify anti-anginal drugs. Explain the action of Nifedipine.
6. Classify antihypertensive drugs. Write the actions of Propranolol.
7. Explain the indication and side effects of vasodilators.
8. Classify the anti-arrhythmic drugs with examples.
9. Write the indications and side effects of Vitamin K.
10. List four anticoagulants. Explain the side effects of anti-coagulants.
11. Name two anti-platelet agents. Write the indications for anti-platelet agent.
12. What are thrombolytics? Write the indications and side effects of thrombolytics.
13. Classify hypolipidemics. Write the action and side effects of any one

Unit XI

Drugs used for hormonal disorders & Supplementation, Contraception and Medical Termination of Pregnancy

Short Essays:

1. Classify Insulins. Write the mechanism of action of Insulin.
2. Classify hypoglycemic agents. Explain the action and side effects of Metformin.
3. Name any Thyroid supplement and any Thyroid suppressant. Write the side effects of an anti-thyroid drug.

4. Name two steroid preparations. Write the side effects of steroid administration.
5. What are the pharmacological effects and side effects of anabolic steroids?
6. Name two uterine stimulants. Explain the uses and adverse effects of any one.
7. Write the uses and adverse effects of Uterine relaxants.
8. What are the types of oral contraceptive preparations? Explain the action of progesterone.
9. What are the regulators of Calcium in the body? Name any two calcium preparations with side effects.

Unit XII

Introduction to drugs used in Alternative Systems of Medicine

Short Essays

1. What are the principles of Homeopathy? List any three Homeopathic medicines.
2. Name the five basic elements of human body according to Ayurveda. Name any three types of Ayurvedic medicines.
3. Name the Alternative systems of medicines. Explain the branches of Ayurvedic Medicine.
4. Enlist the sources of Unani Medicines with examples.
5. What are the three humors required for normal equilibrium of health as per Siddha Medicine? How are the Siddha medicines classified?