

**GOVERNMENT OF KARNATAKA  
BOARD OF EXAMINING AUTHORITY  
D. Pharm Part-II Examination (R-2020) JANUARY 2024  
PHARMACOLOGY**

Time: 3 Hours

Max marks: 80 M

Note: I) Answer 6 questions from section A, 10 questions from section B and all questions from section C.

ii) Draw diagram wherever necessary.

iii) Answer to the point for objective type.

**SECTION -A****6X5=30 M**

Long Essay (Answer any six)

1. Discuss the various factors modifying drug action.
2. Give the pharmacological actions of adrenalin.
3. Classify general anaesthetics. Explain the stages of general anaesthesia.
4. Classify antiarrhythmic drugs. Explain the pharmacological actions of Quinidine.
5. Describe the physiological role of insulin.
6. Classify various anticancer drugs.
7. Classify antitubercular agents. Explain the actions and adverse effects of isoniazid.

**SECTION -B****10X3=30 M**

Short Essay (Answer any ten)

8. Give the significance of plasma protein binding.
9. What is myasthenia gravis? Give its treatment.
10. Give the classification of sedatives and hypnotics.
11. Discuss on the drugs used in the therapy of atherosclerosis.
12. Name various oral iron preparations, dosage and uses.
13. What are antitussives? Classify them with examples.
14. Classify various drugs used in the peptic ulcer.
15. Write the action, uses and adverse effects of thiazide diuretics.
16. Give the actions and uses of propylthiouracil.
17. Mention the physiological role of histamine.
18. Explain the actions, uses and adverse effects of Zidovudine.

**SECTION -C**

Objective type (Answer all questions)

**20X1= 20M**

19. Define first pass metabolism.
20. What is agonist?
21. Define plasma clearance.
22. What is glaucoma?
23. Give the two uses of miotics.
24. Name one centrally acting muscle relaxant.
25. What is the use of amitriptyline?
26. Name two oral anticoagulants.
27. Name two prokinetic class of antiemetic drugs.
28. Give the two uses of laxatives.
29. Define biologicals.
30. Name one biologic product to treat rheumatoid arthritis.
31. Diacetylmorphine is also called as \_\_\_\_\_.
32. Acetazolamide is \_\_\_\_\_enzyme inhibitor.
33. Parathormone increases plasma \_\_\_\_\_levels.
34. Prostaglandins are synthesized by the action of \_\_\_\_\_on arachidonic acid.
35. Match the following

**A****B**

- 1) Propranolol
- 2) Aspirin
- 3) Ferrous sulfate
- 4) Atropine

- a) Staining of teeth
- b) Dryness of mouth
- c) Worsening of bronchial asthma.
- d) Increases salivary secretion
- e) Peptic ulceration and asthma exacerbation
- f) Peptic ulceration

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