

QP Code: 404008

Reg. No.....

**Final Year B. Pharm (Ayurveda) Degree Supplementary Examinations
September 2022**

Pharmacology II

Time: 3 hrs

Total Marks: 100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw diagrams wherever necessary*

Essays:

(2x10=20)

1. Classify anti-cancer agents. Add a note on general toxicity on cytotoxic drugs.
2. Define anticoagulants. Classify them with example. Discuss the mechanism of action, pharmacological action and adverse effects of heparin.

Answer briefly:

(10x5=50)

3. Compare general anaesthesia and local anaesthesia.
4. Discuss methanol poisoning and its treatment.
5. Classify antipsychotic drugs with examples. Give the mechanism of action and pharmacological actions of chlorpromazine.
6. Comment on nucleoside reverse transcriptase inhibitors.
7. Classify antidepressants with examples. Add a note on selective serotonin reuptake inhibitors.
8. Pharmacology of valproic acid.
9. Mechanism of action, resistance and uses of fluoroquinolones.
10. Vaughan Williams and Singh classification of antiarrhythmic drugs.
11. Pharmacology of macrolide antibiotics.
12. Explain the life cycle of malarial parasite in man showing the stages and forms of parasite.

Short notes:

(10x3=30)

13. Classify antiamoebic drugs with examples.
14. Complications of general anaesthesia.
15. MAO inhibitors.
16. Proton pump inhibitors.
17. Prokinetic drugs.
18. Ondansetron.
19. Antimotility drugs.
20. Beta-lactamase inhibitors.
21. Mechanism of action and adverse effects of chloramphenicol.
22. Topoisomerase inhibitors.
