

QP Code: 404008

Reg. No.....

**Final Year B. Pharm (Ayurveda) Degree Supplementary Examinations
November 2021**

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. Explain the classification of anti-cancer drugs. Write mechanism of action, pharmacological actions and adverse reactions of methotrexate.
2. Explain blood coagulation process. Discuss the mechanism of action, pharmacological action and adverse effects of heparin.

Answer briefly:

(10x5=50)

3. What are the different types of anaemia. Write a note on the drug therapy of iron deficiency anaemia.
4. Melanising and demelanising agents.
5. Define chemotherapy and classify antimicrobial agents on the basis of its mechanism of action.
6. Explain different types of angina. Classify antianginal drugs.
7. Classification and mechanism of action of local anesthetics.
8. Selective COX-2 inhibitors.
9. Mechanism of action and adverse reactions of fluoroquinolones.
10. Discuss adverse reactions and therapeutic uses of morphine.
11. Different types of neurotransmitters in CNS.
12. Pharmacology of H₂ receptor blockers for peptic ulcer.

Short notes:

(10x3=30)

13. DOTS therapy in TB.
14. Natural microbial drug resistance.
15. Potassium sparing diuretics.
16. Enlist drugs used in psoriasis.
17. Mechanism of action and adverse reactions of sodium valproate.
18. Classification of antiarrhythmic drugs.
19. Drug therapy of Giardiasis.
20. Statins as hypolipidaemic agents.
21. Ayurvedic drugs used in treatment of diarrhoea.
22. Mechanism of action and adverse reactions of acyclovir.
