

**Third B. Pharm (Ayurveda) Degree Supplementary Examinations  
August 2023**

**Pharmacology I**

**Time: 3 Hours****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*

**Essays:** **(2x10=20)**

1. Classification of anti-thyroid drugs with examples. Write mechanism of action and adverse reactions of thioamides. (4+3+3)
2. Explain drug tolerance in detail.

**Short notes:** **(10x5=50)**

3. Pharmacological actions of 5-HT.
4. Central cough suppressants.
5. Pharmacological action of progestin.
6. Blood brain barrier.
7. Arsenic poisoning.
8. Transcutaneous routes of drug administration.
9. Discuss how drug related factors affect drug bioavailability.
10. Oral Contraceptives.
11. Thiamine: sources, deficiency and adverse reactions.
12. Mydriatics.

**Answer briefly:** **(10x3=30)**

13. Define - agonist, antagonist and partial agonist.
14. Alpha chymotrypsin.
15. Therapeutic classification of adrenergic drugs with examples.
16. Therapeutic gas – helium.
17. Cell mediated immune reaction.
18. First pass metabolism and enterohepatic circulation of drugs.
19. Define - acute and sub-acute toxicity.
20. Classification of H1 anti-histamines with examples.
21. Pharyngeal demulcents.
22. Enlist bacterial vaccines and toxoids.

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