

[Total No. of Questions - 18] [Total No. of Printed Pages - 2]
(2123)

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B. Pharmacy 1st Semester Examination

Introductory Pharmaceutics (N.S.)

BP-114

Time : 3 Hours

Max. Marks : 70

The candidates shall limit their answers precisely within the answer-book (40 pages) issued to them and no supplementary/continuation sheet will be issued.

SECTION - A

Attempt any TWO Questions

1. What are different types of pharmaceutical incompatibilities? Discuss various methods to overcome them by giving suitable examples.
2. Discuss various methods of dose calculations for infants, children and geriatric patients.
3. Discuss the role of pharmacist in patient counselling, community health care and education. **(10×2)**

SECTION - B

Attempt any EIGHT Questions:

4. What do you mean by "checking the written prescription" and "compounding the prescription"?
5. Discuss the applications of various dosage forms available.
6. Differentiate between decoction, tincture and extracts.
7. Write the uses of gargles and draught.

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[P.T.O.]

8. What concentration of cocaine hydrochloride will yield a solution iso-osmotic with the blood plasma? (The freezing point of a 1% w/v solution of cocaine hydrochloride is 0.09 degree Celsius)
9. What do you understand by displacement value? Explain giving example.
10. Discuss the scope of pharmacy profession in India and the world.
11. Discuss and compare pastes, jellies and suppositories.
12. What do you understand by "Compound powder of Tragacanth" and "Mucilage of Tragacanth"?
13. Discuss the method of preparation of dry, soft and liquid extracts.
(5×8=40)

SECTION - C

All Questions are Compulsory:

14. Translate:-

Fiat pulvis. Mitte tales Decern

Signentur: Capitat unum dolore urgents

15. How can you solve the incompatibility of soluble barbiturates with ammonium bromide?
16. How many grams of a drug are required to make 150 mL of 30% solution?
17. Write uses of iozenges.
18. Give one example of pharmaceutical incompatibility of metals and their salt.
(2×5=10)