

[Total No. of Questions - 18] [Total No. of Printed Pages - 2]  
(2125)

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**B. Pharmacy 1st Semester Examination**  
**Introductory Pharmaceutics (NS)**  
**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**

**(Answer any TWO questions)**

1. What are the legal requirements for establishing a Whole Sale drug store? Give a detailed account of the organization and design of a whole sale drug store. (10)
2. Discuss the scope and career opportunities available in India for Pharmacy professionals. (10)
3. Differentiate between simple syrup and invert syrup. Describe the preparation of simple syrup and invert syrup. (10)

**SECTION - B**

**(Answer any EIGHT questions)**

4. What are lotions? How are they different from liniments? Mention the ingredients of both the dosage forms and justify the role of these ingredients. (5)
5. What is an isotonic solution? State the concentration of sodium chloride required for preparing an isotonic solution. Explain the need for maintaining isotonicity of eye drops and parenteral preparations. (5)
6. Comment on the incompatibilities of colour dyes. (5)

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7. Define emulsions. Describe the test used for distinguishing the type of emulsion. (5)
8. Explain the methods employed for preparing dry extracts. (5)
9. What is a mouth wash? Mention the ingredients of a mouth wash. (5)
10. Define suppositories and mention the type of drugs that are advantageously dispensed in these dosage forms. (5)
11. Giving examples comment on the therapeutic incompatibilities arising due to prescribing synergistically acting drugs. (5)
12. What are pastilles? How are they prepared and what are their applications? (5)
13. How will you prepare a powder dosage form if the ingredients prescribed form a eutectic mixture on mixing? (5)

**SECTION - C**

**(All questions are compulsory)**

14. Mention the full forms of BNF and EP. (2)
15. What is a draught? (2)
16. What is a douche? (2)
17. Iodine is insoluble in water but it dissolves in water in the presence of potassium iodide. Why? (2)
18. Define glycerites and give their examples. (2)