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(2124)

1679

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.

- Note :** (i) Attempt any two questions from Section A.
(ii) Attempt any eight questions from Section B.
(iii) All the questions are compulsory from Section C.

SECTION - A

1. Classify semi solid dosage form. Write in detail about various ointments bases used in ointment preparation. (10)
2. What are different types of drug stores? Discuss the requirements for establishing & maintaining the drug store. (10)
3. Define & classify incompatibility. Write in detail about various chemical incompatibilities with examples. (10)

SECTION - B

4. Define proof spirit. Find out proof spirit of an elixir containing 30% alcohol. (5)
5. Write in detail about handling of prescription with emphasis on source of error. (5)
6. Classify emulsions. Write in brief about method of preparation of emulsion along with one official preparation. (5)

[P.T.O.]

7. Identify incompatibility & suggest the remedy for the following prescription:

R_x

Menthol.....5g

Camphor.....5g

Make a powder (insufflation) (5)

8. In what proportion should 20%, 15% & 5% alcohol be mixed to obtain 120ml of 8% alcohol. (5)
9. Differentiate between:
- (i) Douches & Enemas
 - (ii) Flocculated & Deflocculated suspension. (5)
10. What are proprietary products? How they are dispensed? (5)
11. Write in detail about various method for preparation of ointment. (5)
12. What are ophthalmic preparation? What are important characteristics of ophthalmic preparation? (5)
13. Define dry, soft & liquid extract. How the extracts are prepared? (5)

SECTION - C

14. What are the labelling instructions for eye drops & liniment? (2)
15. Differentiate between adjusted & tolerated incompatibility. (2)
16. Give composition of Mandl's paint. (2)
17. Why iodine does not stain when formulated in non staining ointment. (2)
18. What is extra pharmacopoeia? (2)