

16362(D) - 0 DEC 2016

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

Attempt any two questions.

1. What are various types of incompatibilities? What are the reasons of physical incompatibilities? Give one example of incompatibility occurring due to above reasons.
2. Discuss the organization and structure of retail and wholesale drug store. What are the legal requirements for establishment?
3. Discuss various parts of prescription. How will you dispense the powders containing potent drug? (10×2=20)

SECTION - B

Attempt any eight Questions.

4. Discuss the importance of Pharmacopoeia of India.
5. What do you understand by dosage forms? How will you classify various dosage forms available?
6. What are extemporaneous preparations, Explain? Discuss the manufacturing procedure of syrups.
7. Differentiate between lotions and liniments.
8. What are pastilles? Discuss the uses and how they are dispensed?

9. How many grams of lactose should be added to 75 g of belladonna extract assaying 1.5% w/w of alkaloids to reduce its strength to 1.4 w/w?
10. Discuss various types of alkaloidal incompatibilities.
11. Define the following: paints, sprays, inhalations.
12. Discuss the incompatibility and its rectification in the following mixture:

Castor Oil	30.0 ml
Purified water to	100.0 mL
13. Convert 80% v/v alcohol into proof spirit and proof strength considering 57.1% v/v strength of alcohol corresponds to 100 proof spirit. (5×8=40)

SECTION - C

All Questions are Compulsory.

14. What is "Herapath" reaction?
15. Translate:-
Fiat pulvis: Mitte tale Novem
Signentur: Unus a cyatho vinoso aquae post cibos quoties
opus sit capiendus
16. What are aromatic waters?
17. What are tablet triturates?
18. How many grams of diluents must be added to 50 g of a 10% ointment to make it a 5% ointment? (2×5=10)