

DEC-23-0059

SECTION-B

BP-103 T (Pharmaceutics-I)

(2×10) Attempt any two long questions.

(2×10=20)

B.Pharm-1st (PCI)

Time : 3 Hours

Max. Marks : 75

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: The question paper contains three sections in all, Section A, B and C. In Section A, all questions are compulsory. From Section B student has to attempt any two questions and from Section C student has to attempt any seven questions.

13. Classify semisolid dosage form and describe the mechanism and factors affecting dermal penetration of drug.

SECTION-C

(7×5=35)

SECTION-A
(Compulsory Question)

Answer the Following: (Short answer)

(2×10= 20)

1. Write the Clark's formula for calculation of child dose of a drug.
2. Define gargles. Give examples.
3. Explain the term "idiosyncrasy".
4. Write the proportion of oil, water and gum acacia in the preparation of primary emulsion by using mineral oil.
5. Differentiate between Paste and Jellies.
6. What is Pharmacopoeia? In which year does the most recent edition of IP has been published.
7. What are Eutectic mixtures? Give one example.
8. Explain Co-solvency with example.
9. What are hygroscopic and deliquescent substances? Give one example of each.
10. Define proof spirit.

14. Discuss various sources of error while dispensing a prescription.

15. Find out the volume of 80% and 30% alcohol to supply 600 ml of 60% alcohol.

16. Write a note on development of profession of pharmacy in India.

17. Define the term 'suspension'. Explain different types of additives/excipients which are used in the preparation of suspensions.

18. Classify powders. Briefly discuss their methods of preparation.

19. Discuss chemical incompatibilities in detail with suitable examples.

20. Define Posology. Discuss various factors affecting posology.

21. Briefly discuss about excipients used in the formulation of liquid dosage form. Give suitable examples of each excipient.

22. Differentiate between flocculated and deflocculated suspension.