

**FACULTY OF PHARMACY**

**B. Pharmacy I - Semester (PCI) (Main & Backlog) Examination, March 2024**

**Subject: Pharmaceutics**

**Time: 3 Hours**

**Max. Marks: 75**

**PART-A**

**Note: Answer all the questions.**

**(10 x 2 = 20 Marks)**

1. Differentiate syrups and elixirs
2. Explain the preparation of any one effervescent powder.
3. Write the types of bases used in the preparation of ointments
4. What is displacement value? Write its importance
5. Write the principle involved in the preparation of calamine lotion
6. Differentiate gargles and mouthwashes.
7. Find the strength of 85% v/v alcohol in terms of Proof spirit.
8. Define eutectic mixtures with an example.
9. Write the formula for cold cream
10. Define suspensions and give examples.

**PART-B**

**Note: Answer any two questions.**

**(2 x 10 = 20 Marks)**

11. What are Suppositories? Write a note on different bases used in preparation of Suppositories?
12. Define and classify incompatibility. Explain physical incompatibility and methods to overcome physical incompatibility with examples.
13. Explain the methods of preparation and evaluation of ointments.

**PART – C**

**Note: Answer any seven questions**

**(7 x 5 = 35 Marks)**

14. Define prescription. Explain various parts of prescription
15. Explain method of preparation of elixirs with examples
16. Classify liquid dosage forms and write a note on stability of suspensions
17. Explain in brief about factors affecting posology.
18. What are the salient features of Indian Pharmacopoeia?
19. Explain the preparation of vanishing cream
20. Prepare 900ml of 60% v/v alcohol from 90% v/v alcohol and 30% v/v alcohol.
21. Explain the tests for identification of type of emulsions
22. Write a note on dusting powders with examples.

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