

**VINAYAKA MISSION'S RESEARCH FOUNDATION**  
**(Deemed to be University), SALEM**

**B.PHARM. DEGREE EXAMINATION – October 2021**  
**First Semester**

**PHARMACEUTICS - I**

Time : Three hours

Maximum: 75 marks

I. Write essays on any **TWO** questions: (2 x 10 = 20)

1. Explain the term prescription and handling of prescription.
2. Discuss the examples of various types of chemical incompatibilities and methods to remove them.
3. Give different types of suppositories. Discuss in a brief evaluation of suppositories.

II. Write short answers on any **SEVEN** questions: (7 x 5 = 35)

4. Write the history of pharmacy profession and industry in India.
5. Define dosage form. Discuss the classification of dosage form.
6. Calculate the volume of each 90%, 60%, 30% and water are required to produce a 500ml of 50% alcohol.
7. Write briefly about effervescent granules.
8. Excipients used in formulation of liquid dosage form.
9. Liquids to be used in the mouth.
10. Difference between flocculated and deflocculated suspension.
11. What is displacement value? How will you find the displacement value?
12. Write brief about various additives used in preparation of ointment.

III. Write short notes on: (10 x 2 = 20)

13. What is pharmacopoeia? Add note on IP.
14. Define the term of superscription.
15. Write the clark's formula.
16. Explain the term of dusting powder.
17. Difference between syrup and elixir.
18. Emulgent.
19. Name the various methods used for the preparation of ointment.
20. Therapeutic incompatibility.
21. Gels.
22. Pastes.

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