

**VINAYAKA MISSION'S RESEARCH FOUNDATION
(DEEMED TO BE UNIVERSITY), SALEM**

DIPLOMA IN PHARMACY EXAMINATION – July 2021

Second Year

PHARMACEUTICS - II

Time: Three hours

Maximum: 80 marks

Answer **Any EIGHT** questions only

All questions carry equal marks

Draw Neat, Labelled Diagram wherever necessary.

1. Define and classify incompatibilities. Explain in detail about physical incompatibility with suitable examples. (2+2+6)
2. Discuss the various factors influencing dose of a drug.
3. What are pastes? Briefly explain the bases of pastes and their preservation. (2+6+2)
4. What is the difference between gargles and mouth washes? Add a note on liquids for external administration. (3+7)
5. Explain the various methods of preparation of suppositories. Write a short notes on packing of suppositories. (7+3)
6. Define the term 'Shampoo'. Briefly explain the formula and method of preparation of any one official shampoo. (2+8)
7. Difference between flocculated and deflocculated suspension.
8. Write a short note on sterility testing and particular matter monitoring. Add a note on additives used in ophthalmic formulation. (8+2)
9. Short note on:
 - i) Total parenteral Nutrition.
 - ii) Dialysis fluids
10. Short note on :
 - i) Liniments
 - ii) Lotions
