

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

**DIPLOMA IN PHARMACY EXAMINATION – April 2019**  
**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. Discuss suppositories bases and explain displacement value. Give it's significance in formulation.
2. Define the term 'incompatibility' and discuss physical incompatibilities.
3. Define prescription and write various parts of prescription.
4. Define ophthalmic product and discuss in brief about preparation and ideal properties of an ophthalmic product.
5. Define and classify the emulsion. Discuss in brief about identification tests on an emulsion.
6. Define sterility testing and enumerate particulate matter monitoring – faulty seal packing.
7. Write about organoleptic additives and its importance on oral liquids.
8. Define and classify powders. Give account on effervescence powders.
9. Short note on :
  - a) Differentiate between lotion and liniment.
  - b) Total Parental Nutrition.
10. Short note on :
  - a) Shampoos
  - b) Dentrifices.

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