

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

DIPLOMA IN PHARMACY EXAMINATION – October 2018
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. What is Posology? Factors influencing dose calculation.
2. Define parenteral. Discuss in brief various steps involved in the processing of parenteral products.
3. Define the term 'incompatibility'. Discuss therapeutic incompatibilities.
4. Discuss ointment. What are the desirable qualities of an ideal ointment base
5. Discuss various sources of errors while dispensing a prescription and how are these errors corrected?
6. Define mixtures and explain various adjuvants used in the formulation of mixtures.
7. Define and classify the suspension. Discuss in brief about evaluation of a suspension.
8. Define jellies. Write different types of jellies with examples.
9. Short note on :
 - (a) Explain the role of emulsifying agent
 - (b) Difference between gargle and mouth wash.
10. Short note on :
 - (a) Explain the displacement value
 - (b) Instabilities in an emulsion.
