

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

DIPLOMA IN PHARMACY EXAMINATION – October 2019
First 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 prescription. Explain the various parts of a prescription. (2+8)
2. What is incompatibility. Explain with suitable examples the chemical incompatibility. (2+8)
3. A doctor has prescribed 600mg of aspirin for a boy aged 8 years. How do you prove, it is a over dose? Add a note on factors influencing dose. (5+5)
4. What are jellies? Briefly explain the various types of jellies with examples. (2+8)
5. What is the difference between an ointment and paste? Enumerate the methods of preparation of an ointment.
6. Explain in detail about the suppository bases and its properties.
7. What are the different types of fault sealing? How fault sealing of the ampoules can be detected? (3+7)
8. Describe the various adjuvants used in suspension. Write a note on suspensions containing diffusible solids. (5+5)
9. Short note on :
 - a) Special precautions in handling and storage of ophthalmic products.
 - b) Identification of emulsion system.
10. Short note on :
 - a) Displacement value
 - b) General requirements for parenteral dosage forms.
