

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

**DIPLOMA IN PHARMACY EXAMINATION – October 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 prescription. Explain various parts of prescription.
2. Define incompatibilities. Explain in detail about therapeutic incompatibility with suitable examples and their methods of corrections. (2+8)
3. Children's dose calculation.
4. Define powders. What are the different types of powders? (2+8)
5. Define Solubilization. Describe the methods to increase the solubility. (2+8)
6. Define syrup. Write the formula, procedure, storage condition and use of Lemon syrup. (2+2+3+1+2)
7. Define emulsion. Identification test for o/w and w/o type of emulsion. (2+8)
8. Define facial cosmetics. Write the formula, method of preparation, use, and action of cold cream. (2+2+3+1+2)
9. What are the adjuvants used in the preparation of injections.
10. Write the general procedure for sterility testing.
