

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

**B.PHARM. DEGREE EXAMINATION – August 2018
Third Year**

DISPENSING AND PHARMACEUTICAL FORMULATION

Time : Three hours

Maximum: 70 marks

I. Write essays on any **TWO** questions: (2 x 15 = 30)

1. Define posology. Explain various factors determining the doses of drugs.
2. Define powder. Give the advantages and limitations of powder. Write a note on effervescent granules.
3. Define extraction. Explain the principle and methods of extraction.

II. Write short essays on any **SIX** questions: (6 x 5 = 30)

4. Handling techniques of prescription.
5. Proof spirit calculation.
6. Write a note on therapeutical incompatibility.
7. Briefly discuss about extra pharmacopoeia.
8. Define and classify mono-phasic liquid dosage form with example.
9. What are the differences between creams and pastes?
10. Ideal properties, advantages and disadvantages of suppositories.
11. Preparation of tinctures.

III. Write short notes on any **FIVE** questions: (5 x 2 = 10)

12. Elixirs
13. Eutectic mixture
14. Indian national formulary
15. Parts of prescription
16. Jellies
17. Powders.