

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

**B.PHARM. DEGREE EXAMINATION – February 2020**  
**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 ointment. Discuss in brief the factors influencing the selection of base for a medicament.
2. Define and classify incompatibility. Explain briefly chemical incompatibility with suitable examples.
3. Define powders. Classify powder. Write the principle and procedure for dispensing effervescent granules. What are the advantages of effervescent granules.

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

4. Sterile ointment.
5. Displacement value.
6. Properties of ideal suppository base
7. Therapeutic incompatibility.
8. Mention the merits and demerits of suspension as oral dosage form. Mention two suspending agent used in oral preparation.
9. Principle involved various types of emulous with example
10. How will you dispense a) Powder containing potent medicament  
b) Powder containing hygroscopic substance.
11. Write short note on a) Gargle b) Mouth wash

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

12. How do you dispense eye ointment ?
13. Differentiate mouthwash and gargle.
14. Differentiate cold cream and vanishing cream
15. Poultice.
16. Tests used to identify type of emulsions.
17. Aerosol.

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