

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

Pharm.D DEGREE EXAMINATION - September 2021
Third Year

PHARMACEUTICAL FORMULATIONS

Time: Three hours

Maximum: 70 marks

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

1. Discuss about the formulation and quality control tests for tablets in detail. (7.5+7.5)
2. Write about formulation and evaluation of emulsions in detail. (7.5+7.5)
3. Describe the various types of trans dermal drug delivery system in detail.

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

4. Factors affecting absorption of drugs from semi solid preparation.
5. Formulation of Jellies.
6. Quality control test for suspensions.
7. Briefly write about implants.
8. Sugar coating of tablets.
9. Packaging materials for parenteral preparation.
10. Production of hard gelatin capsule shell.
11. Ocusert.

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

12. Advantages of tablets.
13. Various sizes of hard gelatin capsules.
14. Define suspension.
15. Define suppositories.
16. What do you mean by pyrogens?
17. Define controlled drug delivery system.
