

VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM

(Deemed to be University)

DIPLOMA IN PHARMACY EXAMINATION – October 2018

First Year

PHARMACEUTICS – I

Time: Three hours

Maximum: 80 marks

Answer **Any EIGHT** questions only

All questions carry equal marks

Draw Neat, Labelled Diagram wherever necessary.

1. Write a short note on disintegrators and cyclone separator.
2. What are the methods and equipments used for mixing semisolids? Draw and explain any one equipment.
3. Explain the construction, working and application of meta filter process.
4. Define extraction. Write a different methods of extraction and explain the working of Soxhlet extractor.
5. Write a note on principle, construction and working of vaccum still. What are the application of vaccum distillation.
6. Write a detail note on freez drying process.
7. Differentiate sterilization and disinfection. Write a note on gaseous sterilization.
8. Discuss the classification and quality control test for tablets.
9. Define immunity. Explain the preparations of small pox vaccine and its storage conditions.
10. Discuss about silverson mixer.
