

J-372

Diploma in Pharmacy (Part-I) Examination, 2021

Paper - I

PHARMACEUTICS - I

Time Allowed : Three Hours

Maximum Marks : 80

Note : Attempt any five questions. Each question carry equal marks.

Q. 1. Define Distillation. Discuss in brief about vacuum distillation. **16**

Q. 2. Define Size Reduction. Write its advantages and write in brief about Ball Mill. **16**

Q. 3. What do you mean by sterilization? Classify them and discuss in details about moist heat sterilization. **16**

Q. 4. Define Mixing. Write the various factors which affect the mixing powder. Describe in details about equipment used for mixing solid. **16**

(2)

Q. 5. Define evaporation. Write various factor which affect evaporation and discuss about evaporation pan. **16**

Q. 6. What do you mean by dosage form? Classify them and write in details about liquid dosage forms. **16**

Q. 7. Attempt any four. (Each question carry equal marks) : **4x4=16**

(a) Sterilization by filtration

(b) Immunological product

(c) Capsule

(d) Extraction

(e) Defects in tables

(f) Drying