

(2)

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Enroll. No.....

Q.5 Define filtration, explain Theory of filtration, filter aids ,filter media.Factors affecting rate of filtration.

Q.6 What is Extraction .Describe three types of maceration processes.

Q.7 Define evaporation. Describe factors affecting evaporation, describe in detail evaporating pan and evaporating still .

Q.8 Write short notes on (any 4)

- (a) Aerosols .
- (b) Freeze dryer
- (c) Dry heat Sterilization
- (d) Method of evaluation of tablets.
- (e) fractional distillation
- (f) Hard and soft gelatin capsules

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**DP-101**  
**D. Pharmacy I<sup>st</sup> Year**  
**Examination –April- 2021**  
**Pharmaceutics-I**  
**Time: Three Hours**

**Maximum Marks: 80**

**Note:-** Attempt any five questions. (Each question carries equal marks)

Q.1 What is Dosage forms, Explain their types, classification and application with suitable example.

Q.2 Define size reduction .Explain various factors affecting size reduction of drugs .Write in brief different methods of size reduction of drugs .Describe construction and working of hammer mill with help of diagram..

Q.3 Describe in brief various methods of size separation with diagrams.

Q.4 What is mixing, explain Liquid mixing and powder mixing. Write about Planetary Mixer and Homogenisation in detail .