

DO NOT WRITE ANYTHING ON YOUR QUESTION PAPER EXCEPT YOUR ROLL NO. QUESTION PAPER CONTAINING ANYTHING WOULD BE TREATED AS MALPRACTICE

ANSWER THE QUESTION SERIALLY AND CONTINUOUSLY

Subject: PHARMACEUTICS-I (Theory)

Full Mark -80

Time -3 hrs

(Answer any five questions including question No. 1)

1. (A) Define the followings: (Max 20 words) (1x10)
- i) Isotonic Solution ii) Slug iii) Mottling iv) Sera v) Sublingual tablet
vi) Marc vii) Pasteurization viii) Meta filter ix) Capping x) Enemas
- (B) Differentiate between the following : (2 x 5)
- i) Spray drying & freeze drying ii) Syrup & Elixir
iii) Antiseptic and disinfectant iv) Dusting power and insufflations
v) Ointment and Paste
2. Define Capsules & types of Capsules. Discuss construction, working of hand operated capsule filling machine with labelled diagram. (2+1+12)
3. What do mean by drying ? Explain detail about Fluidized Bed dryer with its merits and demerits ? (2+13)
4. Write notes on : (ANY THREE) (5 x 3)
- i) Simple Distillation ii) Indian Pharmacopoeia
iii) Different processes of filling of the Aerosol iv) Soxhlet extraction
5. What do mean by Extraction? What are different processes of extraction? (3+2+10)
Describe the process of simple percolation used in the preparation of tincture.
6. Explain in details: (5x3)
- i) Factors affecting size reduction ii) Manufacturing defect of tablet
iii) Cyclone Separator
7. Define & classify immunity. Write notes on manufacturing of Toxoids & BCG vaccine. (2+3+5+5)