

Code: 9R01101

B.Pharm I Year (R09) Supplementary Examinations December 2017

**DISPENSING & HOSPITAL PHARMACY**

Time: 3 hours

Max. Marks: 70

Answer any FIVE questions  
All questions carry equal marks

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- 1 (a) Write the salient features of united states pharmacopoeia.  
(b) Write the development of Indian pharmacopoeia after independence.
- 2 (a) Define prescription and write the parts of prescription.  
(b) Using cryoscopic method, how will you prepare 1% solution of boric acid, iso-osmotic with blood plasma? (Hints: The freezing point of 1% w/v solution of boric acid is  $-0.288^{\circ}\text{C}$ ; the freezing point of 1% w/v solution of NaCl is  $-0.576^{\circ}$ ).
- 3 (a) Write the identification tests for emulsions.  
(b) Write the differences between lotions and liniment.
- 4 (a) Compare and contrast the infusion, tincture, soft and dry extracts.  
(b) What are the therapeutic incompatibility and how they will be overcome?
- 5 Write the composition and functions of pharmacy and therapeutics committee.
- 6 Write about the four classes of drug distribution systems.
- 7 What are the methods of arrangement of drugs and inventory control in out-patient department?
- 8 Write short notes on:
  - (a) Prescription filling.
  - (b) Patient medication profile.

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