

**First Semester Examination for the Degree
of Bachelor of Pharmacy**

**PHARMACEUTICS – I (GENERAL AND
DISPENSING)**

1 - T - 1

Time : Three Hours]

[Max. Marks : 80

- N. B. : (1) Question No. 1 is Compulsory.
(2) Solve any Four Questions from the remaining.
(3) Draw neat labeled diagram wherever necessary.
(4) Discuss the reaction, mechanism wherever necessary.
(5) Use of electronic calculator is permitted.
(6) Assume suitable data wherever necessary.

1. Solve any **Five** out of **Seven** :—

(a) Define the terms –

- (i) Allergy
- (ii) Placebo
- (iii) Astringent
- (iv) Bacteriostatic.

(b) Differentiate between the following :

- (i) Ointment and paste.
- (ii) Syrup and Elixir.

- (c) Explain the terms drug and dosage form.
- (d) Write English meanings for the following Latin terms.
 - (i) Auristille
 - (ii) Sumendus
 - (iii) Cochleare minimum
 - (iv) Unguentum.
- (e) Write various formulae used to calculate dose for a child.
- (f) Give the desirable properties of a dosage form.
- (g) Calculate the dose for a child of a 8 years, if the adult does of a drug is 200 mg. $5 \times 4 = 20$

- 2. (a) Explain the term prescription. Write about various parts of prescription. 8
- (b) Define aromatic water. Discuss various methods used for preparation of aromatic water. 7
- 3. (a) What are tinctures ? Give the methods of preparation and components of tinctures. 8
- (b) Discuss the ointment bases in detail. 7
- 4. (a) What do you mean by posology ? Write various factors affecting dose of drug. 8
- (b) Discuss history of development of Indian Pharmacopoeia. 7

5. Classify the dosage form on the basis of nature and route of administration. 15
6. (a) Define the term jellies. Give its types and write about method of preparation in brief. 8
(b) Write about pricing of prescription. 7
7. Write short notes on (Any **Three**) :—
- (a) Enemas
 - (b) British Pharmaceutical codex
 - (c) Lotion
 - (d) Nasal drop
 - (e) Gargles. 3×5=15