

B. Pharm (First Semester) (C.B.S.) Examination
PHARMACEUTICS—I (General and Dispensing)
Paper—1

Time : Three Hours]

[Maximum Marks : 80

- N.B. :—** (1) Question No. 1 is compulsory.
 (2) Attempt any **FOUR** questions out of remaining.
 (3) Draw neat labelled diagram wherever necessary.

1. Solve any **FIVE** :— 5×4=20
- (a) Write English meanings for the following Latin terms :
- (i) Omni nocte (ii) Pulvis
 (iii) Ter in die (iv) Daloce urgenti
- (b) Define the following Pharmacological terms with examples :
- (i) Hypnotics and Sedatives
 (ii) Diuretics
- (c) What are Aromatic Waters ? Explain the method of preparation with examples.
- (d) Calculate the dose of a drug for an infant of 9 months and for a child of 7 years, if the adult dose is 250 mg.
- (e) Differentiate between the following with examples :
- (i) Spirit and Tincture
 (ii) Lotion and Liniments.
- (f) Differentiate between ointment and cream. Enlist the ideal properties of ointment bases.
- (g) Explain the terms with examples :
- (i) Dose of medicament
 (ii) Dosage form.
2. (a) Define Posology. Discuss factors affecting dose of drug. 8
 (b) Give the historical development of IP. 7
3. (a) Define Prescription. Explain the different parts of Prescription. 8
 (b) Explain in brief the methods of pricing of prescription. 7
4. (a) Give the advantages and disadvantages of various routes of Drug Administrations. 10
 (b) State the concentration of sugar in simple Syrup as per IP and USP. Why the preservatives are not added in simple Syrup IP and Syrup USP. 5

5. (a) What are Jellies ? Explain the various types of Jellies. 8
(b) Classify the Liquid dosage forms. Give a detailed account of mouthwashes and gargles. 7
6. (a) Define Eye Drops. Give ideal properties and warnings for Eye Drops. 8
(b) Explain various types of ointment bases with suitable examples. 7
7. Write short notes on (any **THREE**) :—
- (a) Dosage forms and its desirable properties
 - (b) Douches and Enemas
 - (c) Status of Pharmaceutical Industry in India
 - (d) Throat paints and sprays
 - (e) Prescription containers and closures. 3×5=15

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