

B.Pharm. (Second Semester) (C.B.S.) Examination
PHARMACEUTICS—II (General & Dispensing)
Paper—1

Time : Three Hours]

[Full Marks : 80

N.B. :— (1) Question No. **1** is compulsory.

(2) Solve any **FOUR** questions from the remaining.

(3) Draw neat labelled diagram wherever necessary.

(4) Use of electronic calculator is permitted.

1. Solve any **FIVE** of the following :

(a) Differentiate between flocculated and deflocculated suspensions.

(b) Write a note on dusting powders.

(c) Give various steps involved in sugar coating of tablet.

(d) Give the identification tests for emulsions.

(e) In what proportion should 12%, 8% and 4% sulfur ointment be mixed in order to obtain mixture of 6% sulfur ointment.

(f) Give advantages and disadvantages of powders over tablets. 20

2. (a) Give merits and demerits of emulsion. Write a note on classification of emulsifying agents. 11

(b) Write in detailed about preparation of suspension. 4

3. Write in detail various defects and their rectification of tablets dosage form. 15

4. (a) Define extractions and Galenicals. What are extrates and tinctures ? 5

(b) Explain various steps involved in percolation process. 10

5. (a) Explain the production method of surgical suture and catgut. 10

(b) Give standard for catgut as per British Pharmaceutical codex. 5

6. (a) Write in detail various bases and additives used in preparation of suppository. 11

(b) Give the significance of displacement value. 4

7. Write notes on (any **THREE**) :

(a) Dentrifices

(b) Effervescent powders

(c) Plasma substitute

(d) Soft gelatin capsules. 15