

NRT/KS/19/3149

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

Time : Three Hours]

[Maximum Marks : 80

Note :— (1) Question No. 1 is compulsory.

(2) Attempt any **FOUR** questions out of remaining.

(3) All questions carry marks as indicated.

(4) Draw neat labeled diagram wherever necessary.

1. Attempt any **FIVE** of the following:— 5×4=20
 - (a) Give the tests for identification of types of emulsions.
 - (b) What is Proof Spirit ? Give method for calculation of Proof Spirit.
 - (c) Discuss in brief the method of preparation of effervescent powder.
 - (d) Give the classification of suspending agents with suitable examples.
 - (e) Give the method for calculation of displacement value in preparation of suppositories.
 - (f) Discuss in brief decoction process with suitable examples.
 - (g) Discuss in brief importance of Plasma substitutes.
2. (a) Discuss stability problems in emulsions. Give methods to overcome stability problems in emulsions. 8
(b) Describe the types of suppository bases with suitable examples. 7
3. (a) Discuss in detail the method of preparation of hard gelatin capsules. 8
(b) Describe in detail the various tests for evaluation of tablets. 7
4. (a) Discuss in detail maceration and percolation process of extraction with suitable examples. 8
(b) Discuss the types of sutures with suitable examples. 7
5. (a) Discuss the film coating process for tablets. 8
(b) Describe the types of ingredients used and method of preparation of dentifrices. 7
6. (a) Discuss in detail the types of granulation techniques in the preparation of tablets with suitable examples. 8
(b) Describe in brief the method of preparation of soft gelatin capsules. 7
7. Write short notes on any three :—
 - (a) Isotonic Solutions.
 - (b) Tablet defects.
 - (c) Insufflations.
 - (d) Surgical dressings. 5×3=15