

NKT/KS/17/6546**B.Pharm (Second Semester) (C.B.S.) Examination****PHARMACEUTICS—II****(General And Dispensing)****Paper—I**

Time : Three Hours]

[Maximum 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) Assume suitable data wherever necessary.

(5) Use of electronic calculator is permitted.

1. Solve the following (any **five**) : 5×4=20
- (a) Write the identification test for Emulsion.
 - (b) Explain in brief the tablet coating.
 - (c) Write the various problems that arise during the process of dispensing of powders.
 - (d) Differentiate between Hard gelatin and Soft gelatin Capsule.
 - (e) Give the concept of displacement value.
 - (f) Give the alligation method of calculation.
2. (a) Define Emulsion and classify the various Emulsifying agents. 8
- (b) Discuss in detail about the Excipient used in tablets. 7
3. (a) Give an account of Suppository bases. 8
- (b) Calculate the amount of grains required to make 8 oz of a 10% Solⁿ and label with a direction for preparing a pint of a 1 in 400 solⁿ. 7
4. (a) Explain in detail about the continuous hot percolation process with a neat and well labelled diagram of soxhlet apparatus. 8
- (b) Write in detail about defects of Tablets. 7

5. (a) Discuss in detail about the manufacturing process of Ligature with their quality control parameter. 10
(b) Add a note on stability of suspension. 5
6. (a) Define suspension with its Merits and Demerits, classify the suspending agents. 10
(b) Discuss in brief on stability of Emulsion. 5
7. Write short notes (any **three**) :
- (a) Infusion
(b) Isotonic solutions
(c) Insufflations
(d) Decoction. 3×5=15