

Roll No.: _____

Enrolment No. _____

PARUL UNIVERSITY
SCHOOL OF PHARMACY
1st YEAR DIPLOMA PHARMACY
SECOND THEORY SESSIONAL EXAMINATION 2019-20

Subject Name: Pharmaceutics -I

Subject Code: 08600101

Time: 10:00 am to 11:00 am

Date: 20/12/2019

Total Marks: 20

Instruction

Draw neat and well labeled diagram wherever necessary

Q.1 Multiple Choice Question

(07)

- (1) Roller mill works on the principle of -----
(a) Impact (b) compression (c) attrition (d) compression & attrition
- (2) Distillation is the process of converting liquid into vapours by-----& reconvert it again into liquid by -----the vapours.
a)condensing ,heating (b) heating, convection (c) heating, condensing
(d) convection, condensing
- (3) The full form of FBD is _____
a) Fluidised bed dryer (b) fluidized beed drop (c) fluidized bar distillation
(d) fluidized bun dryer
- (4) The efficacy of ball mill is maximum at -----
(a) Low speed (b) High speed (c) very high speed (d) 2/3rd of speed
- (5) principle of hammer mill is -----
(a) Impact (b) Attrition (c) Cutting (d) Revolving
- (6) The large capsule size is-----
(a) 000 (b) 00 (c) 0 (d) 1
- (7) The ----- coating of tablet is done to disintegrate it in the intestine
(a) film (b) enteric (c) sugar (d) syrup

Q.2 Long Answer (any one)

(05)

- (1) Discuss FBD for drying of various substances
- (2) Write a note on simple distillation with figure

Q.3 Short Answers (any four)

(08)

- (1) Define comminution. Enlist various methods of size separation.
- (2) Define the term capsule. Enlist its type along with its size range.
- (3) Differentiate between hard gelatin Vs soft gelatin capsule.
- (4) Define the term mixing & homogenization.
- (5) Enlist the apparatus used for mixing for solids, liquids and colloids.
- (6) Give the principle of ball mill.