

MODEL QUESTION PAPER

Pharmaceutics (ER20-11T)

D.Pharm, 1st Year

Sourav Maurh, Assistant Professor (APCCP, Singur)

☎ 7001937231, ✉ sourav.maurh@gmail.com

Full Marks-80

Time-3hrs

1(A) Write down the correct one. (Any ten)

1x10=10

- i. Which of the following is not a semisolid dosage form? - a. Suspension b. Creams c. Paste d. Ointments
- ii. Which of the following is Not an advantage of suppositories? - a. Avoids first-pass effect b. Irritant drug cant administered c. Melt at the body temperature d. None of the above
- iii. Which of the following wax is used to prepare eye ointment? - a. Bees wax b. White soft wax c. Carnauba wax d. None of the above
- iv. First pharmacy or drug store in Baghdad were established in- a. 754 b. 758 c. 756 d. 752.
- v. First edition of Indian pharmacopoeia is published in- a. 1958 b. 1945 c. 1955 d. 1946
- vi. Which of the following is an example of Novel Drug Delivery System? - a) sufflation b) Suppository c) Implant d) Liniment
- vii. Simple Syrup I.P. is : a) 66.7% w/w solution of sucrose b) 66.7% w/v solution of sucrose c) 56.7% w/w solution of sucrose d) 56.7% w/v solution of sucrose
- viii. The solvent used for extraction is known as: a) Menstruum b) Mare c) Extract d) Slurry
- ix. In Sugar coating of tablet, sealing is done by : a) Acacia (b) Beeswax c) elatin d) Shellac
- x. Choose the correct option - a. Dosages form is one of the factors affecting in packaging. b. Vibration and shock is the test method of packaging. c. Low printing property is the suitable condition for packaging. d. All are correct.
- xi. Which glass container is suitable for non-aqueous preparation for parenteral use? a. Type-1 b. Type-2 c. Type- 3 d. All of these
- xii. Minimum qualification to become a registered pharmacist under Pharmacy Act 1948 is : a) Pharm. D b) D. Pharm c) B. Pharm d) M. Pharm
- xiii. Rectified spirit contains : a) 60% v/v of Ethanol b) 70% v/v of Ethanol c) 80% v/v of Ethanol d) 90% v/v of Ethanol

1(B) Fill the blanks OR Answer in one sentences.(Any Ten)

1x10=10

- i. Large volume parenterals are also called _____.
- ii. The ratio of Oil, water and gum for primary emulsion of a fixed oil is _____.
- iii. The largest size of hard gelatin capsule for human use is _____.
- iv. Liniment may be defined as _____.
- v. Phenyl Mercuric Nitrate is used as _____ in ophthalmic preparations.
- vi. The metabolic products of microbial growth causing increase in body temperature are called _____.
- vii. Covishield vaccine is used for the prevention of _____.
- viii. For sterile filtration, the grade of sintered glass filter used is _____.
- ix. Discuss the advantage and disadvantage of metal packaging.
- x. Write the name of different packaging testing methods.
- xi. Discuss the ideal characteristics of packaging materials.
- xii. Define primary emulsion.
- xiii. What is the another name of Type -II Glass?

2. Answer any 10(Ten) question from the following.

3x10=30

- a) Write a short note on Indian Pharmacopoeia.
- b) Write the construction and principle of ball mill.
- c) Define the terms solution, emulsion, suspension.
- d) Discuss different factors affecting procedure in the packaging.
- e) Define the different types of preservative used in pharmaceutical preparation.
- f) Write short note on Sustained Release Tablets OR Effervescent Powders.
- g) Discuss in short on "Pharmacy as a career".
- h) Write in short on current Good Manufacturing Practice (cGMP).
- i) Discuss in short on freeze drying.
- j) What is the difference between Elixir and Syrup.
- k) Name any three tests for the evaluation of following: a) Parenteral Products b) Tablets
- l) Write short note on - Storage of immunological products.

3. Answer any six questions from the followings.

5x6=30

- a) Define extraction. Name the various methods of extraction. Describe in brief the stepwise percolation.
- b) Differentiate between the following. a) Hard and soft gelatin capsules. b) Quality control and Quality Assurance.
- c) Classify the novel drug delivery systems (NDDS) with examples. Write the advantages of novel drug delivery systems.
- d) Discuss the advantages and disadvantages of plastic as packaging material.
- e) Write short note on Quality control and Quality assurance.
- f) Write in short the various activities of pharmaceutical manufacturing plants.
- g) What is Pharmacopoeia? Discuss the salient features of the pharmacopoeia.
- h) Write short note on - ointment, cream & suppositories.
- i) What are pharmaceutical aids? Name the various types of pharmaceutical aids with examples.