

SAMPLE PAPER FOR D. PHARM—1st YEAR.

SET-1

1. Long answer type questions (Answer 6 out of 7) 6 x 5 = 30.

1. Write short note on Quality control and Quality assurance.
2. Write short notes on pharmaceutical packaging and discuss about different packaging materials.
3. Define the term pharmacy and discuss the different scope of the pharmacy as a career.
4. What is Pharmacopoeia? Discuss the silent features of the pharmacopoeia.
5. Define any two. (Their principle and working methods).
 - a. Ball mill.
 - b. Triple roller.
 - c. Fluidized bed dryer.
6. Discuss different types of capsules and write differences between hard and soft gelatin capsules.
7. Define any two.
 - a. Colouring agent.
 - b. Flavouring agent.
 - c. Sweetening agent.

2. Short answer type questions (Answer 10 out of 11). 10 x 3 = 30.

1. Write a short note on glass packaging material in pharmaceutical.
2. Write a short note on Indian Pharmacopoeia.
3. Discuss the use and misuse of plastic in pharmaceutical packaging.
4. Discuss the pharmacist role in education professions.
5. Define the different types of preservative used in pharmaceutical preparation.
6. Write the construction and principle of ball mill.
7. Discussed different factors affecting procedure in the packaging.

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8. Write a short note on History of pharmacy practice.
9. Define the terms solution, emulsion, suspension.
10. Define the terms Sera, Vaccines, Toxoids.
11. Write a short note on Rubber packaging material in pharmaceutical

3. Multiple choice questions

1. The Word posos means.....
 - a. How Many
 - b. How Much
 - c. How about
 - d. Amount
2. In aerosol, diptube is usually made of:
 - a. Polyamides
 - b. Polypropylene
 - c. Metal
 - d. Neoprene
3. The label shake well before use is indicated on the mixture containing.
 - a. Soluble medicaments
 - b. Potent medicaments
 - c. Diffusible medicaments
 - d. Miscible medicaments
4. In mixing of powder which method is used when potent substance are mixed with a large amount of diluents.
 - a. Spatulation
 - b. Geometric dilution
 - c. Trituration
 - d. Sifting
5. Which dosage form is prepared from rice paper, which is made by pouring a mixture of rice flour and water
 - a. Snuffs
 - b. Cachets
 - c. Insufflations

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d. Both a and b

6. Simple syrup is a saturated solution of..

- a. Sucrose
- b. Fructose
- c. Dextrose
- d. None of these

7. Elixirs are.....

- a. Hydro alcoholic liquid
- b. Aqueous
- c. Viscous
- d. Semi solids

8. is not a type of syrup.

- a. Simple syrup
- b. Mixed syrup
- c. Flavoured syrup
- d. Medicated syrup

9. drops are used in otic cavity

- a. Eye
- b. Ear
- c. Nasal
- d. None of these

10. Suspending agents imparts....

- a. Solubility
- b. Viscosity
- c. Absorption
- d. Wetting

Set-2

1. Long answer type questions (Answer 6 out of 7) 6 x 5 = 30

12. Write short notes on any five
 - a. Membrane filter.
 - b. Double cone blender.
 - c. Triple roller.
 - d. Hammer mill.
 - e. Sintered glass filtered.
 - f. Fluidized bed dryer.
13. What is Novel drug delivery system? Write their importance in the drug delivery system
14. What is Pharmacopoeia? Discuss the salient features of the pharmacopoeia.
15. Define any two. (Their principle and working methods).
 - d. Ball mill.
 - e. Triple roller.
 - f. Fluidized bed dryer.
16. Discuss different types of capsules and write differences between hard and soft gelatin capsules.
17. Write the note on filtration theory and their factor affecting materials.
18. Write short note on Quality control and Quality assurance.

2. Short answer type questions (Answer 10 out of 11). 10 x 3 = 30.

1. Write a short note on glass packaging material in pharmaceutical.
2. Define the term mixing, drying, extraction.
3. Classify the powder according to Indian pharmacopoeia.
4. Write the short note on cyclone separator.
5. Define the sterile formulation and give their different examples.
6. Write the construction and principle of ball mill.

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7. Write the short note on good manufacturing practice (cGMP).
8. Define the calibration and validation.
9. Define the terms solution, emulsion, suspension.
10. Write the difference between sustained and extended release tablets.

3. Multiple choice questions

1. Which of the following is not a semisolid dosage form?
 - a. Suspension
 - b. Creams
 - c. Paste
 - d. Ointments

2. Suppository bases—
 - a. Maintain shape
 - b. Helps in insertion into the body cavity
 - c. Theobroma oil is example
 - d. All of the above

3. 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

4. Insulin injection is given by following route.....
 - a. Subcutaneous
 - b. Intravenous
 - c. Intramuscular
 - d. Intra peritoneal

5. 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

6. First pharmacy or drug store in Baghdad were established in

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a. 754
c. 756

b. 758
d. 752.

7. First edition of Indian pharmacopoeia is published in

a. 1958
c. 1955

b. 1945
d. 1946

8. Which glass container is suitable for non-aqueous preparation for parenteral use?

a. Type-1
c. Type- 3

b. Type-2
d. All of these

9. Father of Indian pharmacy is known as

a. Ram Nath Chopra.
b. William Procter.
c. Mahadev Lal Schroff
d. Chandrakant Kotate

10. 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

