

**Sample Paper-1**

**Session:** 2023-24

**Course:** D. Pharm Ist Year

**Subject:** Pharmaceutics

**Exam:** 3<sup>rd</sup> Sessional Question Paper-1

**Attempt all the questions:**

**(Section:A)**

**Multiple Choice Questions:**

**[5]**

1. Type III glass is also known as .....
  - a. Soda-lime glass
  - b. Treated soda lime glass
  - c. Borosilicate glass
  - d. None of these
2. Maceration is the process of .....
  - a. Distillation
  - b. Drying
  - c. Mixing
  - d. Extraction
3. The disintegration time of tablets is typically measured in.....
  - a. Seconds
  - b. Minutes
  - c. Hours
  - d. Millimeters
4. Which of the following factors affects the rate of filtration?
  - a. Temperature
  - b. pH
  - c. Pressure
  - d. All of these
5. The first British Pharmacopoeia was published in.
  - a. 1864
  - b. 1955
  - c. 1867
  - d. 1820

**Fill in the blanks:**

**[5]**

6. Which metal is used for construction of sieves is .....
7. US FDA stands for .....
8. The component present in solution in small quantity is known as .....
9. Cream are ..... preparation which can be applied on the skin .
10. The sodium benzoate is .....

**(Section:B)**

**Short questions (Attempt any five)**

**[5×3=15]**

1. What are the difference between flocculated and deflocculated suspension ?
2. Explain Indian Pharmacopoeia .
3. What are the objectives of extraction ?
4. What is the difference between ointments and creams ?
5. Write the properties of a good packing material .
6. Describe the structure and working of ball mill.

**(Section:C)**

**Long questions (Attempt any three)**

**[3×5=15]**

1. Explain in detail evaluation parameters of tablets .
2. Write the difference between calibration and validation .
3. Explain the factor affecting of filtration .
4. Classify the Novel Drug Delivery System with examples.