

**PHB Education**  
**Sample Paper-1**  
Session: 2024-25  
Course: D. Pharm Ist Year  
Subject: Pharmaceutics  
Exam: 3<sup>rd</sup> Sessional Question Paper-1

**Attempt all the questions:**

**(Section: A)**

**Q. A Multiple-Choice Questions:**

**[5]**

**1. cGMP is a part of:**

- |                    |                      |
|--------------------|----------------------|
| a. Quality Control | b. Quality Assurance |
| c. Both A & B      | d. Marketing         |

**2. Maceration is the process of .....**

- |                 |               |
|-----------------|---------------|
| a. Distillation | b. Drying     |
| c. Mixing       | d. Extraction |

**3. The freezing point of blood serum/plasma and tears is:**

- |          |            |
|----------|------------|
| a. -52°C | b. 0.52°C  |
| c. 52°C  | d. -0.52°C |

**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 |

**Q. B Fill in the blanks:**

**[5]**

- 1.** Which metal is used for construction of sieves is.....
- 2.** USFDA stands for.....
- 3.** The component present in solution in small quantity is known as.....
- 4.** Cream are.....preparation which can be applied on the skin.
- 5.** The sodium benzoate is .....

**(Section: B)**

**Q. C Short Answer Type Questions: (Attempt any five)**

**[5 × 3 = 15]**

1. What are the difference between flocculated and deflocculated suspension?
2. Describe the different types of bases used in ointment.
3. Write the defects found in tablets.
4. What is the difference between ointments and creams?
5. Define emulsion. Give its advantages and disadvantages.
6. Describe the structure and working of ball mill.

**(Section: C)**

**Q. D Long Answer Type Questions: (Attempt any three)**

**[5 × 3 = 15]**

1. Explain in detail evaluation parameters of tablets.
2. Describe the principle, construction and working of Fluidized Bed Dryer.
3. Explain the factor affecting of filtration.
4. Classify the Novel Drug Delivery System with examples.

**PHB Education**  
**Sample Paper-2**  
Session: 2024–25  
Course: D. Pharm Ist Year  
Subject: Pharmaceutics  
Exam: 3<sup>rd</sup> Sessional Question Paper-2

**Attempt all the questions:**

(Section: A)

**Q. A Multiple-Choice Questions:** **[5]**

**1) Displacement Value is concerned with which of the following?**

- |            |                |
|------------|----------------|
| a) Capsule | b) Tablet      |
| c) Paste   | d) Suppository |

**2) Which of the following should be the color of container for light Sensitive drugs?**

- |          |              |
|----------|--------------|
| a) Green | b) Amber     |
| c) Blue  | d) Colorless |

**3) Solutions are which type of dosage form?**

- |               |              |
|---------------|--------------|
| a) Monophasic | b) Biphasic  |
| c) Solid      | d) Triphasic |

**4) Which of the following is not a semisolid dosage form?**

- |          |             |
|----------|-------------|
| a) Cream | b) Solution |
| c) Paste | d) Gel      |

**5) Which of the following drop are used in otic cavity?**

- |          |                  |
|----------|------------------|
| a) Ear   | b) Eye           |
| c) Nasal | d) None of these |

**Q. B Fill in the blanks:** **[5]**

1. ....treatment is used for the solubility of gelatin.
2. Ball mill works on the principle of..... & .....
3. Cochineal is a ..... Agent.
4. Plastic containers are sterilized using.....
5. Type II glass is called as.....

**(Section: B)**

**Q. C Short Answer Type Questions: (Attempt any five)**

**[5 × 3 = 15]**

1. Define glass containers with their advantages & disadvantages.
2. What are different types of coloring agents used in pharmaceutical preparations?
3. Give principle & construction of Ball mill.
4. Write a short note on Raw materials used in capsule formation.
5. Write a note on classification of liquid dosage form.
6. Give advantages & disadvantages of suppositories.

**(Section: C)**

**Q. D Long Answer Type Questions: (Attempt any three)**

**[5 × 3 = 15]**

1. Define Creams with their classification & uses.
2. What are the different methods of mixing of Powders?
3. Give a detail note on Immunization.
4. What do you mean by dosage form? Discuss the need & Classification of dosage form.