

**PHB Education**

**Sample Paper-2**

**Session:** 2023–24

**Course:** D. Pharm Ist Year

**Subject:** Pharmaceutics

**Exam:** 3<sup>rd</sup> Sessional Question Paper-2

**Attempt all the questions:**

**(Section: A)**

**Multiple Choice Questions:**

**[5]**

1. What is the concentration of sugar in syrup?  
a. 66.7% w/w  
b. 66.7% w/v  
c. 70.7% w/w  
d. 66.78% w/w
2. cGMP is a part of :  
a. Quality Control  
b. Quality Assurance  
c. Both A and B  
d. Marketing
3. BCG vaccine is used to protect from .....  
a. Smallpox  
b. Poliomyelitis  
c. Typhoid  
d. Tuberculosis
4. The freezing point of blood serum/plasma and tears is :  
a. -52 °C  
b. 0.52°C  
c. 52°C  
d. -0.52°C
5. Which method is used when potent drugs are to be prepared by mixing large amount of diluent?  
a. Spatulation  
b. Tumbling  
c. Both A and B  
d. Geometric dilution

**Define some terminology:**

**[5]**

6. Lotion
7. Mixing
8. Emulsion
9. Container
10. Pharmacopoeia

**(Section: B)**

**Short questions (Attempt any five)**

**[5×3=15]**

1. Explain United States Pharmacopoeia.
2. Describe the different types of bases used in ointment.
3. Write the defects found in tablets.
4. Define emulsion. Give its advantages and disadvantages.
5. Explain sweetening agent used in pharmaceutical product.
6. What is the difference between ointments and creams?

**(Section: C)**

**Long questions (Attempt any three)**

**[3×5=15]**

1. Explain GMP in detail. Why is it important?
2. Describe the principle, construction and working of Fluidized Bed Dryer.
3. Write the difference between calibration and validation.
4. Explain in detail evaluation parameters of tablets.