

**PHB Education**

**D. Pharm Ist Year**

**SAMPLE PAPER - 2**

**SECOND SESSIONAL EXAMINATION, 2023 - 24**

**Time: 02 Hrs**

**(PHARMACEUTICS)**

**Maximum Marks: 40**

**Instructions:**

1. Write the Roll no. on your question paper.
2. Candidate should ensure that the question paper supplied to them is complete in all respects. Complaints in this regards, if any, should be made to the invigilatory staff on the duty in the exam centre within 15 minutes of Commencement of the exam. No complaint shall be entertained thereafter.

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**(Section: A)**

**Q. 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. In monophasic liquid dosage forms ..... is used in higher amount.**

- |                 |                  |
|-----------------|------------------|
| a. Water        | b. Oil           |
| c. Both A and B | d. None of these |

**3. Clear, sweetened and hydro alcoholic solution is?**

- |           |               |
|-----------|---------------|
| a. Syrup  | b. Elixir     |
| c. Lotion | d. Suspension |

**4. Enemas are administered.....**

- |             |                 |
|-------------|-----------------|
| a. Orally   | b. Externally   |
| c. Rectally | d. Parenterally |

**5. What type of particles is preferred for mixed powders?**

- |                        |                     |
|------------------------|---------------------|
| a. Very fine particles | b. Fine particles   |
| c. None of above       | d. Coarse particles |

**Define some terminology:**

**[5]**

1. Lotion
2. Cream
3. Emulsion
4. Marc
5. I.V. Route

**(Section: B)**

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

**(5 × 3 = 15)**

1. Define tablet. Explain sustained release tablets.
2. What is the difference between liniments and lotions?
3. Write a brief note on suppositories.
4. Define Emulsion. Give its advantages and disadvantages.
5. Explain fast dissolving tablets.
6. What is the difference between ointments and creams?

**(Section: C)**

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

**(5 × 3 = 15)**

1. Define capsule. Explain hard gelatin capsules.
2. Describe the principle, construction and working of Fluidized Bed Dryer.
3. Explain in detail wet granulation method.
4. Explain in detail evaluation parameters of tablets.