

PHB Education

D. Pharm Ist Year

SAMPLE PAPER - 1

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.

(Section: A)

Q. A Multiple-Choice Questions:

(5)

1. The process of separation of insoluble particles from slurry is called

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

2. Maceration is the process of

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

3. Tablet place under the tongue where they dissolve and disintegrate

- | | |
|-----------------------|--------------------------|
| a. Film coated tablet | b. Enteric coated tablet |
| c. Sublingual tablet | d. Chewable tablet |

4. Soft gelatin capsule consists of

- | | |
|-----------------|------------------|
| a. Body and cap | b. Single Piece |
| c. Both A and B | d. None of these |

5. The breakdown of tablet into two or more layers is termed as

- | | |
|---------------|-------------|
| a. Lamination | b. Capping |
| c. Picking | d. Cracking |

Fill in the blanks:

[5]

1. Tablet is defined as a compressed containing medicaments with or without excipients.
2. Disodium EDTA is an example of.....
3. The component present in solution in small quantity is known as.....
4. Cream is a preparation which can be applied on the skin.
5. Pessaries are a type of intended for vaginal use.

(Section: B)

Q. C Short Answer Type Questions: (Attempt any five) (5 × 3 = 15)

1. What are the differences between flocculated and deflocculated suspension?
2. Define Emulsion. Give its advantages and disadvantages.
3. What are the objectives of extraction?
4. Explain fast dissolving tablets.
5. Write a short note on membrane filter.
6. Explain the factor affecting of filtration.

(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 freeze drying.
3. Explain in detail theory of filtration.
4. Explain the importance of different solvents used in extraction.