

**BACHELOR OF PHARMACY (B. PHARM.) (CBCS-2019 COURSE)**

**B. Pharm. Sem-I :SUMMER- 2022**

**SUBJECT : PHARMACEUTICS-I (THEORY)**

Day : Friday  
Date : 15-07-2022

**S-20655-2022**

Time : 10:00 AM-01:00 PM  
Max. Marks : 75

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers to both the sections should be written in the **SEPARATE** answer books.

**SECTION – I**

**Q.1** Attempt all questions: **[20]**

- a) Define syrup with examples.
- b) Insufflations  
Rx  
Menthol – 5g  
Camphor – 5g  
Water – 60 ml  
Causes: This mixture is a type of physical incompatibility.  
Give the remedy for this incompatibility.
- c) Write two difference between elixir and syrup.
- d) Give full form of following abbreviations:  
i) bid      ii) p.r.n.      iii) a.c.      iv) a.d.
- e) What is Stock's equation of sedimentation?
- f) Define emulsifying agents with suitable examples.
- g) Define eutectic mixture with examples.
- h) Complete the sentence:  
Displacement value is \_\_\_\_\_.
- i) What is the meaning of superscription?
- j) What are water removable bases? Give examples also.

**Q.2** Answer **ANY TWO** of the following: **[20]**

- a) Give a detail account on Incompatibilities with definition, types, correction methods and examples.
- b) Explain semisolid dosage form, its bases with suitable examples.
- c) Write an exhaustive note on monophasic liquid preparation with suitable examples.

**SECTION – II**

**Q.3** Answer **ANY SEVEN** of the following: **[35]**

- a) Write the different part of prescription with a suitable format.
- b) Describe various factors affecting the posology.
- c) Differentiate flocculated and deflocculated suspension.
- d) What different types of stability problems associated with emulsion formulations?
- e) Give a note on therapeutic incompatibility.
- f) Describe various factors effecting dermal penetration of drugs.
- g) Explain different problems arise while dispensing of powders.
- h) Classify different types of suppositories with its advantages and disadvantages.
- i) Give a detail note on I.P.

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