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B PHARM
(SEMI) THEORY EXAMINATION 2022-23
PHARMACEUTICS-1

Time: 3 Hours**Total Marks: 75****Note:** Attempt all Sections. If require any missing data; then choose suitably.

SECTION A

1. Attempt all questions in brief.**10 x 2 = 20**

- (a) Elaborate the term USP-NF.
- (b) Outline the handling of prescription.
- (c) Differentiate between syrups and elixirs by definition.
- (d) What is isotonic solution?
- (e) Differentiate between the gargles and mouthwashes.
- (f) Define sedimentation volume.
- (g) Define Displacement value.
- (h) Define term incompatibilities.
- (i) Define the term "Humectant".
- (j) Classify bases used in semi-solid dosage forms.

SECTION B

2. Attempt any twoparts of the following:**2 x 10 = 20**

- (a) Discuss the history of pharmacy in relation to Pharmacy education.
- (b) Explain briefly about the solubility enhancement techniques.
- (c) Illustrate the various Physical incompatibilities with examples.

SECTION C

3. Attempt any five parts of the following:**5 x 7 = 35**

- (a) Demonstrate the parts of prescription with the help of a sample prescription.
- (b) Illustrate the different editions of Indian Pharmacopoeia.
- (c) Explain various advantages, disadvantages, and applications of powders.
- (d) Summarize the stability problems of Suspension and methods to overcome them.
- (e) Explain the evaluation of suppositories.
- (f) Give the evaluation methods of semisolid formulations.
- (g) Explain various stability problem of emulsion.