

I B. Pharmacy I Semester Supplementary Examinations, February - 2020
DISPENSING PHARMACY & ETHICS

Time: 3 hours

Max. Marks: 70

- Note: 1. Question paper consists of two parts (**Part-A** and **Part-B**)
2. Answering the questions in **Part-A** is Compulsory
3. Answer any **THREE** Questions from **Part-B**
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PART -A

1. a) Write the preparation of aqueous Iodine solution I.P. (4M)
- b) Differentiate between ointments and lotions. (4M)
- c) Define Incompatibility and Maceration. (4M)
- d) What is an isotonic solution? How do you prepare a 250ml of 0.9% normal saline solution? (4M)
- e) What is the strength of a 60%v/v alcohol in terms of Proof spirit? (3M)
- f) Translate the Latin words into English- More dicto, Unus, Guttae, Ad libitum. (3M)

PART -B

2. a) Define Prescription. Describe the parts of a prescription. (8M)
- b) What are emulsions? Explain the preparation of emulsions by wet gum method. (8M)
3. a) What are the labeling requirements for the dispensed tinctures and liniments? (8M)
- b) Define Linctus. Differentiate between creaming and cracking. (8M)
4. a) How do you prepare a 2% of 20gms of ointment from 10% of ointment? (4M)
- b) Calculate the displacement value of Zinc oxide in Cocoa butter suppositories containing 20% of Zinc oxide and is prepared in a 1g mold. The weight of 6suppositories is 9.74g. (4M)
- c) What are the uses of Cresol with soap solution I.P.? Explain the principle and method involved in the preparation of Cresol with soap solution I.P. (8M)
5. a) Define Pessaries. What is the role of displacement value in suppositories preparation? (8M)
- b) Explain the procedure for handling incompatible prescriptions. (8M)
6. a) Classify various types of incompatibilities with examples. (8M)
- b) Define percolation. Differentiate between soft and liquid extracts. (8M)
7. a) What are the professional ethics for a pharmacist? (8M)
- b) Describe the principle and method involved in the preparation of infusions. (8M)