

III B. Pharmacy I Semester Supplementary Examinations, Oct/Nov - 2020
PHARMACEUTICAL TECHNOLOGY-I

Time: 3 hours

Max. Marks: 70

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

PART -A

1. a) What is ICH? (2M)
- b) Define Pharmaceutical aerosols. (2M)
- c) What are bulk properties of powders? (2M)
- d) Write one method used for testing clarity of liquid formulations. (2M)
- e) What are vanishing creams? Write their uses (2M)
- f) Why buffers are used in preparation of eye drops? (2M)
- g) Write the role of abrasives in tooth paste. (2M)

PART -B

2. Discuss in detail about physicochemical properties in pre-formulation of drugs. (14M)
3. a) Define and classify suspending agents with examples. Write in detail on evaluation methods used for selection of a suspending agent. (7M)
- b) Explain the significance of stabilizers and flavoring agents in formulation of liquid orals. (7M)
4. a) Write in detail on factors influencing absorption of drugs across skin. (5M)
- b) Enlist the ingredients used for formulation of an ointment. Write in detail on ointment bases. (9M)
5. a) Write a note on containers used for aerosols. (6M)
- b) List out ophthalmic products with examples and explain in detail on formulation of eye ointments. (8M)
6. Write a note on formulation and packaging of (14M)
 - (a) Lipsticks
 - (b) Hair removers
 - (c) Compacts
7. Write short notes on (14M)
 - (a) Mouth wash
 - (b) Nail polish
 - (c) Baby shampoo