



**GANDHI INSTITUTE OF ENGINEERING AND TECHNOLOGY, ODISHA, GUNUPUR
(GIET UNIVERSITY)**

B. Pharm. (First Semester - Regular) Examinations, February - 2026

BP103T – Pharmaceutics - I

Time: 3 hrs

Maximum: 75 Marks

Answer ALL questions

(The figures in the right hand margin indicate marks)

PART – A

(10 x 2 = 20 Marks)

Q.1. Answer *ALL* the questions

- a. What are solid dosage forms? Give two examples.
- b. State the principle of alligation method.
- c. Define eutectic mixture with one example.
- d. Define efflorescent powders with one example.
- e. Name the types of suppository bases.
- f. What are Enemas?
- g. Define elixir.
- h. Define Displacement value.
- i. What are insufflations? Mention their route of administration.
- j. What are gels?

PART – B

(2 x 10 = 20 Marks)

Q.No. 2. Answer *ANY TWO* questions (Long Answer Question)

- a. Define prescription. What are the various parts of a prescription? Draw a sample for a prescription.
- b. Describe the general methods of preparation of ointments.
- c. Define and classify Incompatibility. Explain the Physical Incompatibility with examples.

PART – C

(7 x 5 = 35 Marks)

Q. No.3. Answer *ANY SEVEN* questions (Short Answer Question)

- a. Explain in detail about Indian pharmacopoeia.
- b. Illustrate the various factors that affect posology.
- c. Write a short note on solubility enhancement techniques.
- d. Define powders. Classify them and discuss their advantages and disadvantages.
- e. Describe suspensions. Explain their classification and methods of preparation.
- f. Explain the tests for identification of emulsions.
- g. Define suppositories. Explain their types, advantages, disadvantages.
- h. Discuss in detail the various factors affecting skin absorption of drugs.
- i. Discuss the Excipients used in the formulation of liquid dosage forms with examples.

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