

GENERAL & DISPENSING PHARMACY

Time: 3 hours

Max. Marks: 70

PART – A

(Compulsory Question)

- 1 Answer the following: (10 X 02 = 20 Marks)
- Enumerate the ingredients of Calamine lotion with their indications.
 - Name the different parts of a prescription.
 - Mention the various editions of I.P.
 - What is an Elixir? Give example.
 - Write down the types of ointment bases with one example for each.
 - Give the meaning of following Latin terms:
(i) Hora somni. (ii) Anti cibos. (iii) Quantum. (iv) Ter in die.
 - Differentiate between Gargle and Mouthwash.
 - Name any four units of Apothecary System.
 - What are the directions to be written on the label of a liniment?
 - What is simple ointment? Write its uses?

PART – B

(Answer all five units, 5 X 10 = 50 Marks)

UNIT – I

- 2 Write an essay on development of pharmaceutical industries in India post independence.

OR

- 3 (a) Write an elaborate note on Pharmacopeia and its significance.
(b) Describe in brief, evolution of pharmacy education in India.

UNIT – II

- 4 Write briefly on handling of prescription and add a note on labeling of pharmaceuticals.

OR

- 5 (a) Define drug and dosage form.
(b) Differentiate between Lotion and Liniment.

UNIT – III

- 6 (a) Explain the effect of the Accumulation and Tolerance on dose of a drug.
(b) How much quantity of 70% alcohol has to be mixed with 100 ml of 30% alcohol to get 50 % alcohol?

OR

- 7 (a) Differentiate Synergism and Additive effect.
(b) Write a short note on displacement value and its significance.

UNIT – IV

- 8 Classify suspensions and write the methods of dispensing different types of suspensions.

OR

- 9 Define and classify emulsions. Brief out the methods to identify the types of emulsions.

UNIT – V

- 10 Define and classify incompatibilities. Explain the incompatibilities involving alkaloids.

OR

- 11 Explain and give the methods to overcome the following incompatibilities:
- Liquefaction.
 - Therapeutic incompatibility.
