CLASS: BPHARM   SEMESTER: I
BRANCH: PHARMACY   SESSION: MO2024

SUBJECT: BP103T PHARMACEUTICS I

TIME:**2.00 Hour**   **FULL MARK: 30**

PART I

A. Objective type questions(Answer all questions)   (5 x02=10 marks)

1. What is full form for IP, BP & USP?
2. The usual initial dose of chlorambucil is 150 μg/kg body weight once a day. How many milligrams should be administered to a person weighing 154 lb?
3. Write the formulae for isotonicity calculation based on freezing point depression.
4. Define % w/v and % w/w solution.
5. What do you mean by patent act?

PART II

B. Long Answers(Answer any one out of two)   (01x10=10 marks)
1. Discuss the factors of posology in detail.
2. Prepare 8 oz of a solution so the two-teaspoonful diluted to a quart will make 1 in 5000 solution.

PART III

C. Short Answers(Answer any two out of three)   (02x05=10 marks)
1. Discuss the various components of prescription in detail.
2. Calculate the amount of sodium chloride required to make 100 ml of 2% w/v solution of cocaine hydrochloride isotonic with blood plasma (molecular weight of sodium chloride & cocaine hydrochloride are 58.5 and 339.5 respectively)
3. In what proportions should 20%, 15%, 5% alcohols should be mixed to obtain 120 ml of 8% alcohol?

::::::23/10/2024::::::E