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UNIVERSITY OF JAFFNA, SRI LANKA
FACULTY OF ALLIED HEALTH SCIENCES
SECOND YEAR FIRST SEMESTER EXAMINATION IN BPharmHons - 2023
PHACE 2113 PHARMACEUTICS I

Date: 03.12.2024

Time: 02 Hours

ANSWER ALL FOUR (04) QUESTIONS.

Answer part A and part B in separate answer books.

Part - A

1. Describe the calculation preparations for the following
 - 1.1 The powder packet of 25 number each contains 0.25 miligrams. (30 Marks)
 - 1.2 1.2.1 Prepare 50 g of 20% ointment from ointments of 5% ointment and 25% cream (10 Marks)
 - 1.2.2 Prepare 20 % of 20 g cream from the available cream of 10%, 30% and 40% of cream. (15 Marks)
 - 1.3 Prepare one hundred milliliters (100 ml) of 100 proof spirit alcohol from ethanol BP (15 Marks)
 - 1.4 What weight of ingredient is required to produce 1000 mL of a solution such that when 2.5 mL of it is diluted to 50 mL with water it is diluted to 100 mL with water it gives a 0.25% w/v solutions? (20 Marks)
 - 1.5 The maximum chloride(w/v) in the water supply is 0.7 parts per million. Express this ratio in mg/L. (10 Marks)
2. Write an account on dosage form of solution, with examples. (100 Marks)
3. 3.1 Write shorts notes on
 - 3.1.1 surgical spirit. (30 Marks)
 - 3.1.2 labelling requirement of medicine. (30 Marks)
- 3.2 Briefly explain how does age affect the dose. (40 Marks)

Part -B

4. 4.1 Write the definition of prescription. (10 Marks)
- 4.2 State the meaning of the following abbreviations used in a prescription.
 - 4.2.1 q.i.d. (05 Marks)
 - 4.2.2 stat. (05 Marks)
- 4.3 Discuss the different parts of a prescription. (50 Marks)
- 4.4 Briefly explain the six (06) causes of prescribing errors. (30 Marks)