



UNIVERSITY OF RUHUNA – FACULTY OF ALLIED HEALTH SCIENCES
DEPARTMENT OF PHARMACY
FOURTH BPHARM PART II EXAMINATION – DECEMBER 2018
PH 4233 HOSPITAL PHARMACY (SEQ)

TIME: TWO HOURS

INSTRUCTIONS

- There are four (04) questions of the SEQ paper.
- Answer **all** in the booklet provided.
- No paper should be removed from the examination hall.
- Do not use any correction fluid.
- Use illustrations where necessary.

01.

- 1.1 List the steps which are to be included in a normal tender procedure. (20 marks)
- 1.2 Describe **five** advantages of following good pharmaceutical procurement practices. (40 marks)
- 1.3 Explain the importance of maintaining sufficient pharmaceutical stock in a hospital. (40 marks)

02.

- 2.1 Define the term “diagnostic agents”. (10 marks)
- 2.2 Briefly explain the use of “Aplisol” as a diagnostic agent. (20 marks)
- 2.3 Briefly describe **five** factors that should be considered when storing and handling diagnostic radiopharmaceuticals. (40 marks)
- 2.4 Briefly explain the drug recall procedure which is followed in a hospital. (30 marks)

03.

- 3.1 Briefly describe **five** basic guidelincs that should be followed in drug repackaging. (30 marks)
- 3.2 List **five** information which should be included in the repackaging labels. (20 marks)
- 3.3 List **two** advantages and **two** disadvantages in repackaging of medicines. (10 marks)
- 3.4 Describe the importance of pharmacist’s involvement in accident and emergency unit at a hospital. (40 marks)

04.

4.1 Briefly explain the importance of tonicity adjustments in intravenous (IV) dosage forms. (20 marks)

4.2 Define the term "sodium chloride equivalent" (10 marks)

4.3 Calculate the quantity of sodium chloride (NaCl) required in compounding the following prescription. The values of NaCl equivalent of epinephrine hydrochloride and scopolamine hydrobromide are 0.29 and 0.12 respectively. (10 marks)

Rx	
Epinephrine hydrochloride	1%
Scopolamine hydrobromide	0.5%
Sodium chloride	q.s.
Purified water ad.	60 mL
Make isotonic sol.	
sig. use in the eye	

4.4 0.9% NaCl is used for adjusting tonicity in pharmaceutical dosage forms. Write two other agents which are used to adjust tonicity in pharmaceutical dosage forms. (10 marks)

4.5 Write five instructions that should be given to a patient who is prescribed a cane for the disability of his/her right leg. (30 marks)

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