



INDEX NUMBER

CEYLON MEDICAL COLLEGE COUNCIL

EXAMINATION FOR CERTIFICATE OF EFFICIENCY AS PHARMACIST

DECEMBER 2023

Part 2 – Structured Essay Questions (SEQ)

Date: 16.12.2023

Time: 9.00 a.m. – 12.00 noon

ANSWER ALL FIVE (5) QUESTIONS WITHIN THE SPACE PROVIDED

Write your index number in each and every page

Duration is 3 hours for both Part 1 the Multiple Choice Question (MCQ) Paper and Part 2 the Structured Essay Question (SEQ) Paper. (Suggest spending 150 minutes for the MCQ Paper and 30 minutes for the SEQ Paper)

PART 2

Question 1

Patients are returning tablets dispensed from a community pharmacy saying that the tablets break to small pieces when the blister packaging is opened. All complaints were regarding the same medicine from a single manufacturer. The pharmacist is suspecting that the product is a counterfeit medicine.

1.1 List five (5) characteristics of counterfeit medicines. (10 marks)

1.
2.
3.
4.
5.

1.2 List four (4) actions you will take regarding this matter. (10 marks)

1.
2.
3.
4.

P.T.O.

Question 2

Medicine X is available as a dosage form which contains 1.5 million units per mL. A patient requires a dose of 20,000 units per kilogram body weight. How many milliliters should be administered to a patient weighing 75 kg? (20 marks)

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Question 3

A patient is prescribed metformin 500 mg sustained-release tablets to be taken twice daily. He was previously getting metformin 500 mg immediate release, film coated tablets thrice daily.

3.1 List four (4) advantages of taking the sustained-release product. (10 marks)

- 1.
- 2.
- 3.
- 4.

3.2 List five (5) advice points regarding dosing and lifestyle modification when dispensing the new medicine for the first time (10 marks)

- 1.
- 2.
- 3.
- 4.
- 5.

5.2 List four (4) disadvantages of water as a pharmaceutical solvent. (4 marks)

1.
2.
3.
4.

5.3 Describe two (2) methods of overcoming the disadvantage of water as a pharmaceutical solvent. (10 marks)

1.
2.