



INDEX NUMBER

CEYLON MEDICAL COLLEGE COUNCIL

EXAMINATION FOR CERTIFICATE OF EFFICIENCY AS PHARMACIST

JANUARY 2025

Part 2 – Structured Essay Questions (SEQ)

Date: 05.01.2025

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

A child weighing 15 kg needs to take a 4 mg/kg/dose of medicine X orally twice daily. The maximum daily dose of medicine X is 10 mg/kg/day. Medicine X is only available as a 50 mg/5 mL oral suspension in a 100 mL bottle.

1.1. Calculate the daily dose required for this patient. Show the steps of your calculation. (08 marks)

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1.2. Calculate the number of days the patient can use one bottle of this oral suspension. (12 marks)

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P.T.O.

Question 2

Answer the following questions according to the National Medicines Regulatory Authority Act No. 05 of 2015, its regulations and guidelines.

2.1. List the certificates that are needed to be displayed in a community pharmacy. **(06 marks)**

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2.2. Can a pharmacy operate without a pharmacist? **(14 marks)**

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Question 3

3.1. List four (04) limitations of the vaginal route of medication administration. **(08 marks)**

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3.2. Write the advice given to a patient on how to administer a semisolid vaginal preparation. (12 marks)

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Question 4

4.1. Briefly discuss one ethical issue if apprentice pharmacists are providing fraudulent information to the Ceylon Medical College Council regarding their duration of training during apprenticeship. (10 marks)

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P.T.O.

4.2. What would be the impact on the Sri Lankan healthcare system when apprentice pharmacists submit fraudulent information about their apprenticeship? (10 marks)

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Question 5

5.1. List four (04) reasons for storing medicines in amber colour glass containers.

(08 marks)

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5.2. Can amber colour glass containers with medicines be stored under direct sunlight?

Briefly explain your answer.

(12 marks)

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