

EXTERNAL PHARMACISTS' EXAMINATION
Pharmacy Exam 2024



Paper Discussion

With

(For 2024 SLMC Examination)

Dr. Isuru Wijesinghe



PhD in Pharmaceutical Sciences (USA)

MSc in Pharmaceutical Sciences (USA)

BPharm (Special) SL

LLB (Reading) SL

EXTERNAL PHARMACISTS' EXAMINATION
Pharmacy Exam 2024



For CEYLON MEDICAL COLLEGE COUNCIL
PHARMACIST EXAMINATION (EXTERNAL)
2024

Model Exam paper 01 - SEQ

01. According to NMRA act,

1.1). Write 03 main objectives of the NMRA Act?

1.2). Regarding borderline products,

- a. Briefly define borderline products?
- b. Write down five responsibilities of NMRA pertaining to borderline products?
- c. State five common product types of borderline products?

02. Answer the following questions on dosage forms

a.

- I. Write 3 differences between film coated and enteric coated tablets
- II. What are the requirements to be fulfilled in manufacturing of parenteral preparation

b.

- I. Write 3 antiseptic products available in pharmacy
- II. Write 5 characteristics should be in an ideal antiseptic
- III. How to dilute KMnO_4 use as an antiseptic

EXTERNAL PHARMACISTS' EXAMINATION
Pharmacy Exam 2024



03). Pharmaceuticals degradation is the process of degrading of pharmaceuticals and, become lower quality, safety and efficacies product.

Due to the “Pharmaceutical products degradation”, it is made unwanted chemicals and that can affect the efficacy of pharmaceutical products.

- I. List 02 environmental related factors affecting to the process of pharmaceuticals degradation?
- II. State 02 visual changes of the oral solution due to degradation?
- III. What are the two types of stability studies & shortly explain?
- IV. Write one preservatives for each category mentioned below?
 - Cream
 - Eye drop

04. Regarding the management of Diabetes Mellitus with a focus on insulin and anti-diabetic medications.

- a. Describe the pathophysiology of Type 1 and Type 2 Diabetes Mellitus, highlighting the role of insulin in each condition.
- b. Explain the different types of insulin preparations their mechanisms of action, and how they are used in the treatment of Diabetes Mellitus. Provide clinical examples.
- c. Outline the mechanism of action, indications, and side effects of two classes of oral hypoglycemic agents used in Type 2 Diabetes Mellitus.
- d. Discuss the role of lifestyle modifications and patient education in the management of Diabetes Mellitus, particularly in combination with pharmacotherapy.

EXTERNAL PHARMACISTS' EXAMINATION
Pharmacy Exam 2024

05). With respect to the poisons, opium and dangerous drugs ordinance, answer the following questions.

- i. How do you dispense a Poison to an unknown Person?
- ii. Name the persons who can handle dangerous drugs.
- iii. What are the essential requirements in a prescription for a dangerous drugs?
- iv. Give one example for the followings.
 - a. Part I poison
 - b. Part II poison
 - c. Poisonous substances



IMHS
INSTITUTE OF MEDICINE AND
HEALTH SCIENCES

