



UNIVERSITY OF RUHUNA – FACULTY OF MEDICINE

ALLIED HEALTH SCIENCES DEGREE PROGRAMME

SECOND BPHARM PART II EXAMINATION – JUNE/JULY 2016

PH 2214: PHARMACEUTICS III (SEQ)

TIME: THREE HOURS

INSTRUCTIONS

- Answer **all** questions.
- Do not use any correction fluid.
- Answer questions in the given space.

1.

1.1 Briefly explain following criteria with regard in the evaluation of a research proposal.

1.1.1 Feasibility.

(15 marks)

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1.1.2 Ethical acceptability.

(15 marks)

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1.1.3. Significance of the problem.

(15 marks)

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1.2 List two (02) “experimental study designs” and two (02) “observational study designs”.

1.2.1 Experimental study design.

(10 marks)

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1.2.2 Observational study design.

(10 marks)

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1.2.3 Briefly explain the difference between “experimental” and “observational” study designs.

(35 marks)

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2.

2.1. Briefly explain the distribution of pharmaceuticals/medicals in healthcare system of Sri Lanka.

(35 marks)

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2.1. State four (04) problems encountered in the working environment of medical supplies division (MSD) regarding the supply of pharmaceuticals/medicals.

(10 marks)

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3.2. Briefly explain the term “opportunity cost” for health care with suitable examples. **(35 marks)**

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3.3. Interpret the following graph regarding healthcare delivery system in Sri Lanka. **(15 marks)**

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4.
4.1. Briefly explain the contributions of the National Health Policy in Sri Lanka. (40 marks)

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4.2. State the three (03) aims of “pharmacovigilance”. (06 marks)

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4.3. List seven (07) reasons for under-reporting of adverse drug reactions.

(14 marks)

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4.4. Briefly explain the Bradford Hill criteria (1965) to assess causalities arise due to adverse drug events.

(40 marks)

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5.

5.1. Define the term "prescription".

(10 marks)

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5.2. Explain the requirements of prescriptions.

(20 marks)

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5.3. State parts of the prescription.

(10 marks)

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6. (10 marks)
6.1. Define the rational use of drugs.

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6.2. Mention drug use indicators. (10 marks)

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6.3. What are the factors that raised the rational use of drugs? (10 marks)

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6.4. What are the fundamental operations compounding of medicines?

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6.5. What are the methods for development of rational drug use? (20 marks)

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6.6. Briefly describe functions of drug and therapeutic committee. (40 marks)

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