



**UNIVERSITY OF RUHUNA – FACULTY OF MEDICINE**

**ALLIED HEALTH SCIENCES DEGREE PROGRAMME**

**THIRD BPHARM PART II EXAMINATION – JUNE 2017**

**PH 3223 PHARMACOTHERAPEUTICS (SEQ)**

**TIME: TWO HOURS**

**INSTRUCTIONS**

- Answer **all** questions.
- Do not use any correction fluid.
- No paper should be removed from the examination hall.
- Do not use any correction fluid.

1.

1.1. List **four** secondary causes of hypertension. (12 marks)

1.2.

1.2.1. Name **three** organs damaged by hypertension.

1.2.2. State **one** disease condition that can develop due to hypertension for each of the organs stated in 1.2.1. (18 marks)

1.3. Describe all lifestyle advices that should be offered to a patient with hypertension. (40 marks)

1.4. Briefly describe the ABCD approach to the management of hypertension. (30 marks)

2.

2.1. Name **four** drugs that can cause/aggravate heart failure. (08 marks)

2.2. Describe the lifestyle modifications that need to be followed by a patient with heart failure. (40 marks)

2.3. Divide all the drugs used in heart failure as symptomatic drugs and prognostic drugs and the rationale for their use in heart failure. (40 marks)

2.4. Name the non-pharmacological management options available for severe heart failure. (12 marks)

3.

3.1. Describe the factors that need to be considered when selecting a drug for any form of epilepsy. (40 marks)

3.2. Describe the guidelines for anticonvulsant drug therapy. (30 marks)

3.3. Name the various groups of drugs available to treat parkinsonism. (30 marks)

4.

4.1. Describe the management of hyperkalemia of chronic renal failure. (25 marks)

4.2. Briefly describe the dopamine hypothesis of schizophrenia. (10 marks)

4.3. Briefly describe the treatment of schizophrenia. (15 marks)

4.4. A 26 year-old lady came with a history of dysuria and frequency. A lower urinary tract infection (UTI) was suspected.

4.4.1. Name **two** organisms that can cause UTI in this patient. (10 marks)

4.4.2. Name **three** antibiotics you can use in the treatment of this patient. (15 marks)

4.4.3. What are the factors you would consider before starting antibiotics on this patient? (25 marks)

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