



UNIVERSITY OF JAFFNA, SRI LANKA
FACULTY OF ALLIED HEALTH SCIENCES
Second Year Second Semester Examination in BScHons (Nursing) - 2020

NURPH 2262 - PHARMACOLOGY II - PAPER II

Date: 28.11.2022

Time: 02 hours

ANSWER ALL FOUR QUESTIONS

1.
 - 1.1. List four (04) different classes of drugs that are used in the treatment of peptic ulcer. Mention one example for each class. (20 Marks)
 - 1.2. Outline the mechanism of action of each class of drugs mentioned in 1.1. (40 Marks)
 - 1.3. Explain the rationalae (reasons) for using metoclopramide in the treatment of gastro oesophagial reflux disease. (20 Marks)
 - 1.4. Describe the treatment of *Helicobacter pylori*. (20 Marks)

2.
 - 2.1. Name two (02) commonly prescribed nonselective COX inhibitors. (10 Marks)
 - 2.2. Describe the mechanism of action of nonselective COX inhibitors. (20 Marks)
 - 2.3. Describe the adverse effects of nonselective COX inhibitors. (20 Marks)
 - 2.4. List the measures that could be taken to minimize the adverse effects of nonselective COX inhibitors. (20 Marks)
 - 2.5. Name two (02) groups of drugs used in the management of rheumatoid arthritis other than COX inhibitors. (10 Marks)
 - 2.6. Outline the mechanism of action of the groups of drugs mentioned in 2.5. (20 Marks)

3.
 - 3.1. Name two (02) commonly prescribed antiepileptic drugs. (10 Marks)
 - 3.2. Describe the mechanism of action of the above-mentioned drugs. (20 Marks)
 - 3.3. Describe the adverse effects of the drugs mentioned in 3.1. (40 Marks)
 - 3.4. Mention the antiepileptic drug of choice for the following conditions.
 - 3.4.1. Generalized tonic-clonic seizure. (05 Marks)
 - 3.4.2. Absence seizure. (05 Marks)
 - 3.4.3. Partial seizure. (05 Marks)
 - 3.5. Outline the treatment of status epilepticus. (15 Marks)

4. Write the advice that you would give regarding the following
 - 4.1. Preventing hypoglycemia in a patient who is on insulin (30 Marks)
 - 4.2. Use of combined oral contraceptive pill when prescribed to postpone pregnancy. (30 Marks)
 - 4.3. Preparation and administration of oral rehydration solution to a one year old child. (40 Marks)