



UNIVERSITY OF JAFFNA, SRI LANKA

BACHELOR OF SCIENCE IN NURSING
FIRST YEAR SECOND SEMESTER EXAMINATION-APRIL 2020

NURPH 1208 PHARMACOLOGY I - PAPER II

Date: 12.10.2020

Time: 02 hours

ANSWER ALL FOUR QUESTIONS

1.
 - 1.1. Name five (05) oral dosage forms. (20 Marks)
 - 1.2. Explain the factors that affect the oral bioavailability of drugs. (30 Marks)
 - 1.3. Describe the advantages of oral administration of drugs. (25 Marks)
 - 1.4. Describe disadvantages of oral administration of drugs. (25 Marks)

2.
 - 2.1. Classify penicillins with examples. (30 Marks)
 - 2.2. Describe the mechanism of action of penicillin. (15 Marks)
 - 2.3. List five indications of penicillins. (15 Marks)
 - 2.4. What is the most serious adverse effect of penicillins. (05 marks)
 - 2.5. Explain the clinical manifestations of condition mentioned in 3.4. (20 Marks)
 - 2.6. Name three drugs used in the treatment of condition mentioned in 3.4 and give reasons. (15 Marks)

3.
 - 3.1. Name two (02)
 - 3.1.1. direct acting cholinomimetics. (10 Marks)
 - 3.1.2. indirect acting cholinomimetics. (10 Marks)
 - 3.2. List the indications for cholinomimetics. (20 Marks)
 - 3.3. Outline the mechanism of action of organophosphate. (10 Marks)
 - 3.4. Explain the clinical manifestations of organophosphate poisoning. (50 Marks)

4.
 - 4.1. Name two (02) commonly prescribed antiepileptic drugs. (10 Marks)
 - 4.2. Describe the mechanism of action of the above-mentioned drugs. (20 Marks)
 - 4.3. Describe the adverse effects of the drugs mentioned in 4.1. (40 Marks)
 - 4.4. Mention the antiepileptic drug of choice for the following conditions.
 - 4.3.1. Generalized tonic-clonic seizure. (05 Marks)
 - 4.3.2. Absence seizure. (05 Marks)
 - 4.3.3. Partial seizure. (05 Marks)
 - 4.5. Outline the treatment of status epilepticus. (15 marks)