

UNIVERSITY OF JAFFNA, SRI LANKA
BACHELOR OF PHARMACY
THIRDYEAR SECOND SEMESTER EXAMINATION–March 2019
PHARMACOLOGY & PHARMACOTHERAPY IV – PHACL 3242

Paper II

Date: 30.03.2019

Time: 02 hours

ANSWER ALL FOUR QUESTIONS

1.
 - 1.1. Name two (02) commonly prescribed antiepileptic drugs. (10 Marks)
 - 1.2. Describe the mechanism of action of the drugs mentioned in 1.1. (30 Marks)
 - 1.3. List the adverse effects of the drugs of the above mentioned antiepileptic drug. (30 Marks)
 - 1.4. Mention the drug of choice for the following;
 - 1.4.1. generalized tonic-clonic seizure. (05 Marks)
 - 1.4.2. absence seizure. (05 Marks)
 - 1.4.3. partial seizure. (05 Marks)
 - 1.5. List the drugs that are used in status epilepticus. (15 Marks)

2.
 - 2.1. Describe the mechanisms of action of antipsychotics. (20 Marks)
 - 2.2. Describe the adverse effects of antipsychotics. (40 Marks)
 - 2.3. Explain the advantages of atypical antipsychotics over classical antipsychotics. (15 Marks)
 - 2.4. Explain the precautions to be taken during long-term use of lithium. (25 Marks)

3.
 - 3.1. Name five (05) opioids that are used in clinical practice. (15 Marks)
 - 3.2. Describe the mechanism of action of opioids. (15 Marks)
 - 3.3. Explain the systemic effects of opioids. (50 Marks)
 - 3.4. List the indications for opioids. (20 Marks)

4. Write an account on
 - 4.1. skeletal muscle relaxants. (40 Marks)
 - 4.2. levodopa. (30 Marks)
 - 4.3. drug use in children. (30 Marks)