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UNIVERSITY OF JAFFNA, SRI LANKA
BACHELOR OF PHARMACY
THIRD YEAR SECOND SEMESTER EXAMINATION- AUGUST 2016
PHARMACOLOGY & PHARMACOTHERAPY IV - PHACL 3201

Paper II

Date: 09.08.2016

Time: 02 hours

ANSWER ALL THE FOUR QUESTIONS

1.
 - 1.1. Name three (03) commonly prescribed opioids. (15 Marks)
 - 1.2. Give two (02) indications for each of the drugs mentioned in 1.1. (15 Marks)
 - 1.3. List different routes of administration for opioids and give the reason for selection of the routes. (30 Marks)
 - 1.4. Explain opioids tolerance with examples. (40 Marks)

2.
 - 2.1. Describe the mechanism of action of general anaesthetic agents. (20 Marks)
 - 2.2. Give two (02) examples for
 - 2.2.1. inhaled general anaesthetic agents. (10 Marks)
 - 2.2.2. intravenous general anaesthetic agents. (10 Marks)
 - 2.3. Describe the adverse effects of each drug mentioned in 2.2. (60 Marks)

3.
 - 3.1. Name two (02) commonly prescribed groups of antidepressants and give one (01) example for each of them. (20 Marks)
 - 3.2. Describe the mechanism of action of the two (02) groups of antidepressants mentioned in 3.2. (30 Marks)
 - 3.3. List the indications of antidepressants. (20 Marks)
 - 3.4. Explain the adverse effects of above-mentioned antidepressant groups. (30 Marks)

4. Write an account on
 - 4.1. Pharmacokinetics in children. (50 Marks)
 - 4.2. Phase III clinical trial. (50 Marks)