

**UNIVERSITY OF JAFFNA, SRI LANKA**  
**FACULTY OF ALLIED HEALTH SCIENCES**  
**THIRD YEAR SECOND SEMESTER EXAMINATION IN BPharmHons-2019**  
**PHACL 3242 PHARMACOLOGY & PHARMACOTHERAPY IV- PAPER II**

Date: 02.03.2022

Time: 02 hours

**ANSWER ALL FOUR QUESTIONS**

1.
  - 1.1. Classify the antipsychotics. Give an example to each class. (20 marks)
  - 1.2. List two long acting depot preparations of antipsychotics. (10 marks)
  - 1.3. Describe the mechanism of action of each class of antipsychotics mentioned in 1.1. (30 marks)
  - 1.4. Describe the adverse effects of each class of antipsychotics mentioned in 1.1. (40 marks)
  
2.
  - 2.1. Name three (03) opioid agonists. (15 Marks)
  - 2.2. Give one (01) indication for each of the drug mentioned in 1.1. (15 Marks)
  - 2.3. Explain the effects of opioids in different systems. (50 Marks)
  - 2.4. Explain the opioids dependence. (20 Marks)
  
3. Explain the pharmacological basis of the following.
  - 3.1. Giving folic acid supplementation with phenytoin. (25 Marks)
  - 3.2. Adding adrenaline to local anesthetic agents. (25 Marks)
  - 3.3. Using antimuscarinic agents in the treatment of drug-induced parkinsonism. (25 Marks)
  - 3.4. Using diazepam as anesthetic premedication (25 Marks)
  
4. Write an account on
  - 4.1. precautions to be taken during antiepileptic treatment . (40 Marks)
  - 4.2. benzodiazepines. (30 Marks)
  - 4.3. pharmacovigilance. (30 Marks)

*Allied Health Sciences*