

BACHELOR OF PHARMACY HONOURS
FMU5501 – PHARMACOLOGY III – LEVEL 5
FINAL EXAMINATION
DURATION: THREE (3) HOURS

DATE: 12TH AUGUST 2021

TIME: 9.30 A.M. – 12.30 P.M.

Structured Essay Questions (60 Marks)

(Each question will carry 25 marks and the total of 100 will be converted to the mark out of 60)

1.
 - 1.1. List two (02) conditions which increase the risk of paracetamol poisoning. (02 Marks)
 - 1.2. List three (03) signs and symptoms of paracetamol poisoning. (03 Marks)
 - 1.3. Briefly explain the mechanism of toxicity in paracetamol poisoning. (15 Marks)
 - 1.4. State two (02) antidotes indicated in the treatment of paracetamol poisoning. (05 Marks)

2.
 - 2.1. Define the following with regard to opiates. (03 Marks)
 - 2.1.1. Tolerance
 - 2.1.2. Physical dependence
 - 2.1.3. Psychological dependence
 - 2.2. Describe the effects of morphine on the central nervous system. (12 Marks)
 - 2.3. Discuss the pharmacokinetic aspects of morphine. (10 Marks)

3.
 - 3.1. List four (04) side effects of the oral contraceptive pills. (04 Marks)
 - 3.2. Explain three (03) benefits of oral combined contraceptive pills. (06 Marks)
 - 3.3. Describe the mechanism of action of the combined oral contraceptive pill. (15 Marks)

4.
 - 4.1. List three (03) patient advices a pharmacist would provide to a patient when dispensing oral iron supplements. (12 Marks)
 - 4.2. Briefly describe the mechanisms of iron transport in the body. (13 Marks)