BACHELOR OF PHARMACY HONOURS
FMU5400 PHARMACOLOGY II – LEVEL 5
FINAL EXAMINATION
DURATION: THREE (03) HOURS

DATE: 17TH MARCH 2023 **TIME: 09.30 A.M. – 12.30 P.M.**

Part B – 04 Structured Essay Questions (60 Marks)

1.

1.1. Give four (04) examples each for typical and atypical antipsychotics. (04 marks)

1.2. Write three (03) advantages of depot antipsychotics. (03 marks)

1.3. Briefly describe the extra-pyramidal side effects associated with typical antipsychotics. (08 marks)

2.

2.1. List four (04) examples of tricyclic antidepressants. (02 marks)

2.2.

2.2.1. What is the serotonin syndrome? (02 marks)

2.2.2. List three (03) symptoms of serotonin syndrome. (03 marks)

2.3. Briefly explain the mechanism of action of fluoxetine. (08 marks)

3.

3.1 List three (03) different ways of antibacterial agents interfere with nucleic acid synthesis of bacteria. (03 marks)

3.2 Briefly state the pharmacokinetic properties of sulfonamides. (04 marks)

3.3 Briefly describe the mechanism of action of sulfonamides as an antibacterial agent. (08 marks)

4.

4.1 List two (02) classes of commonly used alkylating agents with one (01) example to each. (04 marks)

4.2 State five (05) common adverse effects of alkylating agents. (05 marks)

4.3 Briefly describe the mechanism of action of alkylating agents in cancer chemotherapy with an example. (06 marks)