BACHELOR OF PHARMACY HONOURS
FMU6302- THERAPEUTICS- LEVEL 6
FINAL EXAMINATION
DURATION: THREE (03) HOURS

DATE: 03RD MARCH 2022 TIME: 9.30 A.M.- 12.30 P.M.

Part – B (60 Marks)
(Final marks assigned for part B will be calculated to 60 marks)

1

1.1. List three (03) classes of drugs that are used in the treatment of peptic ulcer disease. (30 marks)

1.2. Briefly explain the mechanism of action of omeprazole in treating peptic ulcer disease. (70 marks)

2.

2.1. Classify oral anti-diabetic drugs, giving one (01) example for each class. (20 marks)

2.2. Describe the principals of management of a 55-year- old man with newly diagnosed type 2 diabetes with a BMI of 32 kg/m^2, fasting plasma glucose of 172 mg/dl and glycated hemoglobin of 8.3%. (80 marks)

3.

3.1. List three (03) measures that can be taken to minimize the emergence of antibiotic resistance. (30 marks)

3.2. List three (03) drugs in the quinolone group of antibiotics. (30 marks)

3.3. Briefly explain the rationale of using the combination of amoxicillin and clavulanate. (40 marks)

4.

4.1. Give four (04) drugs that is used in the management of hyperkalemia. (20 marks)

4.2. Give the mechanism of action of two (02) of the above in treating hyperkalemia. (80 marks)