DATE: 23RD OCTOBER 2024 TIME: 09.30 A.M. – 12.30 P.M.

Part B – Structured Essay Questions (60 Marks)

1.

1.1 List six (06) opioid analgesics. (03 marks)

1.2 Briefly describe the mechanism of action of opioids. (04 marks)

1.3 Briefly describe four (04) pharmacological effects of opioids. (08 marks)

2.

2.1 List two (02) medication classes with a potential of having falls in elderly. (02 marks)

2.2 Briefly describe the physiological changes of the renal function in the elderly. (03 marks)

2.2 Briefly describe "Beer's criteria". (04 marks)

2.3 Briefly describe three (03) measures that can be taken to minimize polypharmacy in elderly. (06 marks)

3.

3.1 List four (04) common adverse effects and four (04) rare adverse effects of combined oral contraceptive pills. (04 marks)

3.2 List two (02) advantages and two (02) disadvantages of progestogen only pills over combined oral contraceptive pills. (04 marks)

3.3 Briefly describe the mechanism of action of combined oral contraceptive pills. (07 marks)

4.

4.1 Write the appropriate antidote for each of the following medicine overdoses.

I. Clobazam
II. Morphine
III. Ferrous sulphate
IV. Amlodipine (02 marks)

4.2 Write the scientific name of each of the following plants and their most toxic part.

I. Beheth Enderu
II. Kaha Kaneru
III. Niyagala
IV. Attana /Ela Attanana (04 marks)

4.3

4.3.1 State two (02) consequences of methanol toxicity. (01 mark)

4.3.2 Briefly describe the mechanism of action of ethanol given in methanol toxicity. (03 marks)

4.4 Explain the mechanism of paracetamol poisoning. (05 marks)