Part B – Structured Essay Questions (60 Marks)

1.

1.1 List six (06) antiepileptic drugs. (03 marks)

1.2 State mechanism of action of above mentioned six (06) antiepileptic drugs. (06 marks)

1.3 Briefly describe pharmacokinetic properties of one (01) of the above mentioned antiepileptic drugs. (06 marks)

2.

2.1 State two (02) unwanted effects of thyroxine therapy. (02 marks)

2.2 List four (04) potential drug interactions of thyroxine. (04 marks)

2.3

2.3.1 What is the most preferred antithyroid drug for a pregnant woman with hyperthyroidism? (01 mark)

2.3.2 Briefly describe the mechanism of action of drug mentioned in question 2.3.1. (02 marks)

2.3.3 List four (04) adverse effects of drug mentioned in question 2.3.1. (06 marks)

3.

3.1 List six (06) antibiotics belonging to penicillin (or beta lactam) group. (03 marks)

3.2 List two (02) unwanted effects of penicillin group antibiotics. (02 marks)

3.3 Briefly state the pharmacokinetic properties of penicillin. (05 marks)

3.4 Briefly describe the mechanism of action of penicillin. (05 marks)

4.

4.1 List four (04) classes of antiviral drugs. (02 marks)

4.2 List five (05) antiviral drugs. (05 marks)

4.3 List three (03) aims of Highly Active Antiretroviral Therapy (HAART). (03 marks)

4.4 Briefly describe HAART. (05 marks)