Summer Examinations 2016

SLS201516N

Module Title Pharmacology
Level Five
Time Allowed Two hours

Instructions to students:
• Enter your student number not your name on all answer books.
• Answer all questions from Section A and one question from Section B.
• All questions in Section B are equally weighted.
• Begin each question on a separate page; label each page clearly with the number of the question you are answering.

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Section A

Answer all questions

Write short notes on the following: (10 marks for each question)

1. Bioavailability
2. Volume of distribution
3. Drug development
4. Non steroidal anti-inflammatory drugs (NSAIDs)
5. Lidocaine
Section B

Answer one of the following essay questions: (50 marks)

6. Describe the sympathetic nervous system and drugs that affect its functioning. Include in your answer an explanation of the pharmacological actions of adrenaline.

7. Identify the different types of diuretics and describe their mode of action.

8. Using specific examples, discuss how drugs reduce blood pressure.

9. Explain how bacteria are gaining resistance to different classes of antibiotics.

End of Section B

End of Paper