RAJARATA UNIVERSITY OF SRI LANKA
FACULTY OF APPLIED SCIENCES

B.Sc. (Special) Degree in Applied Biology
Fourth Year – Semester I Examination – January/February 2021

BDC 4203 – FOREST CONSERVATION

Time: Two (02) hours

Answer <u>ALL</u> questions.

1. a) Introduce the **<u>three (03)</u>** main types of agroforestry systems.   **(30 marks)**

    b) Describe briefly **<u>five (05)</u>** agroforestry practices suitable for intermediate and wet zone parts in the Matale district, Sri Lanka.   **(70 marks)**

2. Formulate a concise proposal for conducting inventory surveys for the flora of the fragmented forest remains in North Central Province of Sri Lanka.   **(100 marks)**

3. Justify the 'Kandyan Homegarden System' is an excellent example for analog forestry.   **(100 marks)**

4. a) Outline the causes of forest degradation, decline, and deforestation in Sri Lanka.   **(30 marks)**

    b) State the influence of forests on climatic and edaphic conditions.   **(30 marks)**

    c) Discuss briefly the influence of forests on pollution control.   **(40 marks)**

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