

Eastern University, Sri Lanka
Faculty of Science
Third Year Second Semester Examination in Science – 2020/2021
(July /August 2024)

BT 3082, Sri Lankan Ecosystems and their Conservation (Practical)

Answer all Questions

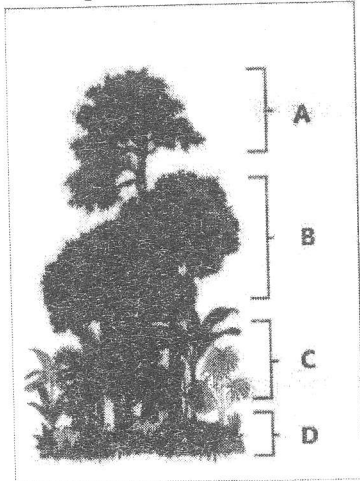
Time: 02 Hours

1. You have been provided the instruments or equipments **A, B, C, D,** and **E.** Identify the them and state the uses in ecological studies. (25 minutes)

2. You have been provided the Sri Lankan map. Mark the following places on the map
(a) North Western Dry Land (b) Hortain Plans
(c) Red Yellow Podzolic Soils (2 places) (d) Sober Island
(e) Mahaweli River (f) Seagrass beds (2 places)
(g) Singaraja Forest (h) Intermediate zone (2 zones)
(i) Uwa basin (j) Puttlam lagoon (30 minutes)

3. You have been provided **F, G, H,** and **I** Study the them and note their special characters that suit for the respective climatic zones. (25 minutes)

4. The following is a distribution of plants in a ecosystem.



- (a) Identify the possible ecosystem
- (b) List the main features for your identification
- (c) Name the A, B, C, and D.
- (d) Briefly explain the importance of this vegetation (40 minutes)