

University of Ruhuna - Faculty of Technology
Bachelor of Biosystems Technology Honours Degree
Level 2 (Semester II) Examination
Academic Year - 2020/2021

Course Unit: BST 2212 – Conservation Technologies (Theory)

Time Allowed: 1 hour and 30 minutes

INSTRUCTIONS:

Number of pages: ~~Two (2)~~ One (1)

Answer three (3) questions only.

1.
 - i. “Prosperity of a nation is dependent on the natural resources available with in the nation.” Justify this statement giving suitable examples. (30 marks)
 - ii. Briefly explain the consequences of overexploitation of natural resources. (30 marks)
 - iii. Discuss the need for the sustainable utilization of natural resources. (40 marks)

2.
 - i. Giving suitable examples, briefly discuss the interrelated principles of Conservation Agriculture. (50 marks)
 - ii. Explain the reasons to adopt conservation technologies in Agriculture. (50 marks)

3.
 - i. Discuss the different impacts of fisheries on marine resources. (60 marks)
 - ii. Discuss the conservation measures that can be adopted to mitigate the above impacts. (40 marks)

4. Discuss modern interventions that can be adopted to conserve energy in constructing new building complexes. (100 marks)

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