



University of Ruhuna- Faculty of Technology
Bachelor of Biosystems Technology Honours
Level 2 (Semester II) Examination, November / December 2022
Academic year 2020 / 2021

Course Unit: BST 2232
Indigenous Knowledge in Biosystems Technology

Duration: 1 hour and 30 minutes

Student No:

Answer Three (03) questions only

Question 1 (100 Marks)

Discuss how the Indigenous Knowledge systems were applied in Sri Lanka for forest management and village planning in a sustainable manner.

Question 2 (100 Marks)

- I. Write a brief account on the tank cascade system. **(40 marks)**
- II. Explain the ecological importance of complete tank (Wewa) system in antient Sri Lanka. **(60 marks)**

Question 3 (100 Marks)

- I. Point out the major differences between traditional and modern technologies used in water resources management. **(40 marks)**
- II. Briefly explain the traditional methods applied in water resources management in Sri Lanka. **(60 marks).**

Question 4 (100 Marks)

- I. Briefly explain current threats and problems confronting indigenous knowledge holders. **(30 marks)**
- II. Explain how WIPO (World Intellectual Property Organization) initiated the protection for Indigenous Knowledge. **(30 marks)**
- III. Discuss the importance of protecting the indigenous knowledge in the intellectual property system. **(40 marks)**

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