

University of Ruhuna- Faculty of Technology
Bachelor of Biosystems Technology Honours Degree
Level 4 (Semester I) Examination, July 2023
Academic year 2020/2021

Course Unit: BSTE 4162 Ecotourism Management (T)
Duration: 1 Hour & 30 Minutes

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- Answer all four questions.

Question One

(25 Marks)

- A. What are the main components of ecotourism? (4 Marks)
- B. Write three benefits of successfully implemented ecotourism project on biodiversity. (3 Marks)
- C. List out four drawbacks of ecotourism industry on biodiversity. (3 Marks)
- D. Assume that you are being assigned to a project by the university to support the Department of Wildlife Conservation to enhance the existing biodiversity conservation activities through developing the ecotourism projects in areas. Explain what practices you would perform during this assignment. (10 Marks)

Question Two

(25 Marks)

- A. Define community-based ecotourism. (3 Marks)
- B. What are the principles you should consider when you are planning to develop a community-based ecotourism project? (3 Marks)
- C. Write three characteristics of a community-based ecotourism project. (6 Marks)
- D. Mention three tools of sustainability you would use during implementation of community-based ecotourism-based projects. (3 Marks)
- E. What are the issues you would face when developing and maintaining ecotourism projects in Sri Lanka? (10 Marks)

Question Three**(25 Marks)**

- A. Give three reasons for declaring national parks, sanctuaries, and nature reserves in a country. (3 Marks)
- B. List out three characteristics of an area declared as a national parks with three examples. (6 Marks)
- C. The table below is extracted from the annual report of the Department of Wildlife Conservation (DWLC) in 2011. According to the table, total land area of 1,790,687ha is under the purview of both Forest Department and DWLC by 2010.

Protected Area Category	Area under each category (ha) in 2010
Forests under the Forest Department (FD)	
National Heritage Wilderness Area [N = 1]	11,127
Conservation Forests [N = 65]	96,249
Other Reserved Forests [N = 366]	630,701
Forest Plantations	79,941
Total Areas under the FD	818,018
Forests under the Department of Wildlife Conservation (DWLC)	
National Parks [N=22]	526,156
Nature Reserves [N=4]	57,056
Sanctuaries [N=61]	349,105
Strict Natural Reserves [N=3]	31,575
Jungle Corridors [N=1]	8,777
Total Areas under the DWLC	972,669

- i. What are the protected area categories where a tourist could enter without any permission from the above institutions? (4 Marks)
- ii. Write the protected area type that matches with descriptions given below. (6 Marks)
- Entering without a permit or carrying out any harmful activity inside a nature reserve is prohibited.
 - Important to reduce inbreeding depression of a population and thereby contribute to stable the population.
 - An extended area from the outer border of the national park that provides a better protection and minimize the human influence.
- D. Give three important reasons to declare Marine National Parks in Sri Lanka. (6 Marks)

Question Four

(25 Marks)

A. Write the type of impact on economy based on the descriptions given below. (6 Marks)

- i. At the end of the stay of the tourists, the Staff gets an incentive payment and thereby they gain more purchasing power.
- ii. A group of tourists spend their money for their stay in a hotel located close to the Sinharaja forest reserve.
- iii. The management in the hotel purchases goods and services from outside to continue their business during the stay of the foreigners.

B. Write three positive impacts of ecotourism on the economy. (6 Marks)

C. Write three negative impacts of ecotourism on the economy. (6 Marks)

D.

i. Write two main reasons for the the increase in the number of tourists, although there are many pressing issues in the world. (4 Marks)

ii. What are the three basic forms of tourism? (3 Marks)

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