



**UNIVERSITI KUALA LUMPUR
BUSINESS SCHOOL**

**FINAL EXAMINATION
MARCH 2025 SEMESTER**

COURSE CODE : EFB10803
COURSE NAME : ENVIRONMENTAL MANAGEMENT
PROGRAMME NAME : BACHELOR IN TOURISM PLANNING AND
DEVELOPMENT (HONOURS)
DATE : 30 JUNE 2025
TIME : 9.00 AM - 12.00 PM
DURATION : 3 HOURS

INSTRUCTIONS TO CANDIDATES

1. Please **CAREFULLY** read the instructions given in the question paper.
2. This question paper has information printed on both sides of the paper.
3. This question paper consists of **FOUR (4) Questions**.
4. Answer **ALL** questions.
5. Please write your answers on the answer booklet provided.
6. All questions must be answered in **English** (any other language is not allowed).
7. This question paper must not be removed from the examination hall.

THERE ARE FOUR (4) PAGES OF QUESTIONS, EXCLUDING THIS PAGE.

SECTION A (Total: 100 marks)**INSTRUCTION: Answer ALL questions.****Please use the answer booklet provided.****Question 1**

- (a) **Define** the term "pollution" specifically in the context of the tourism industry?
(5 marks)
- (b) Identify **FOUR (4)** types of pollution commonly found in tourist destinations worldwide.
(4 marks)
- (c) Elaborate **THREE (3)** effective water pollution control measures contribute to sustainable tourism practices and minimize the environmental impact of tourism-related activities.
(6 marks)
- (c) As a popular tourist destination, a coastal city has witnessed a sharp increase in visitors over the past few years. The surge in tourist activities has led to rising concerns about pollution, including waste accumulation, water contamination and air pollution. Explain **FIVE (5)** key factors that contribute to pollution in the tourism industry, specifically in destinations experiencing rapid growth in tourist numbers, like the coastal city in the scenario.
(10 marks)

Question 2

- (a) List **FIVE (5)** examples of Risk Communication incidents usually happen in the tourism industry.
(5 marks)
- (c) Explain **THREE (3)** key barriers that commonly arise in Risk Communication during incidents within the tourism industry.
(6 marks)
- (c) Identify **FOUR (4)** limitations of conducting Environmental Risk Assessment within the context of the tourism industry.
(4 marks)
- (d) Analyze **FIVE (5)** significant benefits of conducting an Environmental Risk Assessment by considering the potential impacts on both ecological integrity and socio-economic factors.
(10 marks)

Question 3

Despite Regulatory Challenges, Hotels in The Dominican Republic Drive Sustainable Tourism with Solar Energy

The Dominican Republic's hotel industry is gradually adopting renewable energy to create a more sustainable tourism model, particularly through solar power and energy efficiency systems. Hotels like Hodelpa Garden Court and Gran Almirante have implemented photovoltaic systems to cut electricity consumption and reduce fuel use, while some resorts, such as Grand Sirenis Punta Cana, have installed electric vehicle charging stations powered by solar energy. These efforts are supported by government tax incentives and programs like net metering, yet challenges remain — especially in isolated areas where energy concession companies restrict independent renewable projects due to their own interests.

Despite these obstacles, large-scale initiatives led by the Punta Cana-Macao Energy Consortium (CEPM) and its parent company, InterEnergy Group, are making progress with solar parks and storage systems to support the tourism sector's power needs. These partnerships aim to generate hundreds of thousands of megawatt-hours of clean energy and prevent significant CO₂ emissions over the coming years. Hotel operators report improved guest satisfaction and sustainability certifications thanks to these green measures, but continued public-private cooperation will be essential to overcome regulatory delays and ensure long-term success.

Source: Pichardo (2025)

Referring to the above excerpt, answer the following questions:

- (a) **Explain** the concept of “renewable energy” particularly in relation to the tourism industry.
(5 marks)
- (b) Discuss **FIVE (5)** factors that influence energy consumption within the tourism industry during its day-to-day operations.
(10 marks)
- (b) Evaluate **FIVE (5)** importance of renewable energy sources in achieving sustainable energy goals in the tourism industry.
(10 marks)

Question 4

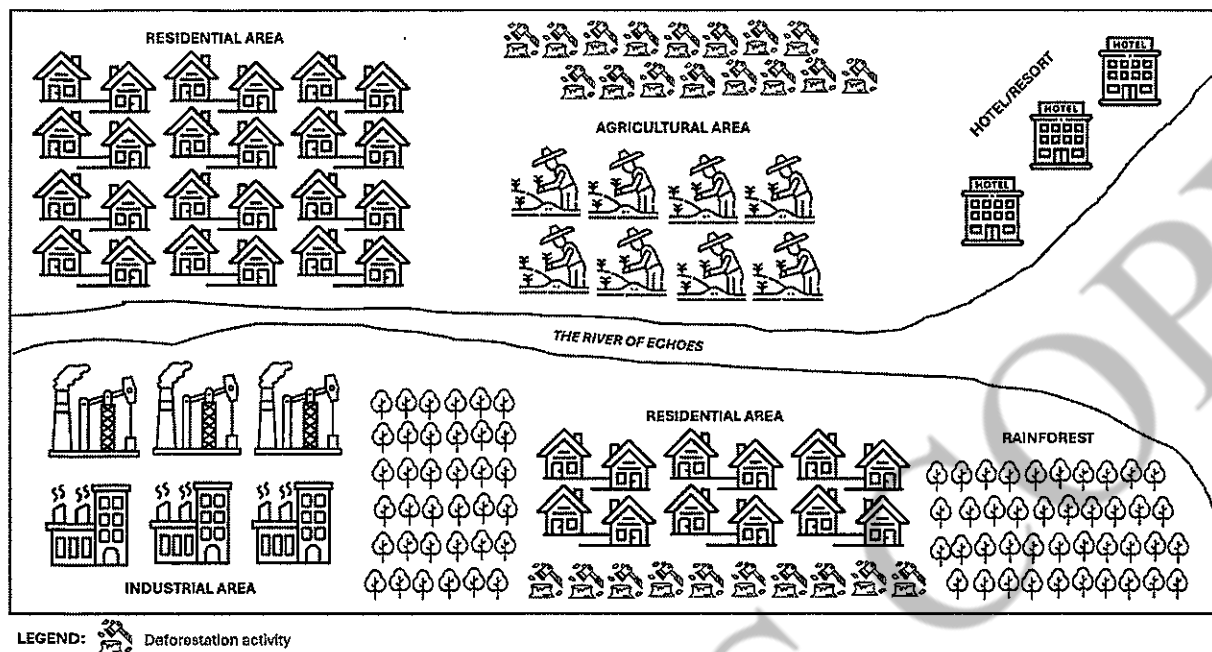


Figure 1: The River of Echoes

Figure 1 above illustrates the current state of a tourist destination formerly known as the "River of Echoes." This area, once a thriving landscape surrounded by dense rainforest and rich biodiversity, is now suffering the consequences of unchecked deforestation and the dumping of industrial and agricultural waste. The once-vibrant blue river that cuts through the land is now eerily silent, as the forest that once echoed with birdsong has vanished.

Key Issues:

- 1) The river water is contaminated due to illegal dumping of chemical waste.
- 2) Local communities have reported dead fish and a strong chemical odor during the dry season coming from the river.
- 3) Without the forest, bird species have migrated elsewhere. Amphibians and reptiles that relied on the shade and humidity have died off or moved to distant ecosystems.
- 4) The banks of the river are crumbling due to the removal of trees and vegetation that once stabilized the soil.
- 5) With fewer trees to absorb carbon and provide shade, temperatures in the area have risen by 3°C over the last decade, worsening the dry conditions and making recovery difficult.

Based on the figure and key issues above, as an environmentalist working at this tourist attraction:

- (a) Critically evaluate **FIVE (5)** significant negative consequences resulting from poor environmental management practices in ecologically sensitive areas such as the River of Echoes.

(15 marks)

- (b) Propose **FIVE (5)** comprehensive strategies that can be implemented to rehabilitate the River of Echoes.

(10 marks)

END OF EXAMINATION PAPER