



UNIVERSITI KUALA LUMPUR
BUSINESS SCHOOL

FINAL EXAMINATION
MARCH 2026 SEMESTER

COURSE CODE : EFB10803
COURSE TITLE : ENVIRONMENTAL MANAGEMENT
PROGRAMME NAME : BACHELOR IN TOURISM PLANNING AND DEVELOPMENT
(HONOURS)
DATE : 29 JUNE 2026
TIME : 2:00PM - 5:00PM
DURATION : 3 HOURS

INSTRUCTIONS TO CANDIDATES

1. Please read the instructions given in the question paper CAREFULLY.
2. This question paper is printed on both sides of the paper.
3. This question paper consist of TWO sections.
4. Answer ALL questions for Section A.
5. Section B consist of four questions. Answer THREE (3) questions only.
6. Please write your answer on the answer booklet provided.
7. Please answer all questions in English only.
8. Please answer MCQ/EMQ questions using OMR sheet. ☐ *Tick if applicable*
9. Refer to the attached Formula/ Appendies. ☐ *Tick if applicable*

SECTION A (Total: 40 marks)

Answer ALL questions.

Please use the answer booklet provided.

Question 1

Explain **FIVE (5)** impacts of pollution prevention on the long-term sustainability and success of a tourism destination.

(10 marks)

Question 2

Explain the circular economy concept highlighted in the Malaysia's National Cleanliness Policy. Support your answer with relevant examples initiated by SWCorp.

(10 marks)

Question 3

A key but often overlooked driver of guest satisfaction is indoor environmental quality, the physical and environmental conditions within a building that directly affect occupants' health, comfort, and productivity.

In order to maintain high standards of indoor air quality (IAQ) and ensure a safe environment, hotel management must implement specific operational routines. Describe **FIVE (5)** routine improvements or maintenance actions that a hotel can take based on industry best practices.

(10 marks)

Question 4

The Sarawak Department of Environment (DOE) has recently cautioned the public against performing open burning without official permission. Due to the current hot and dry weather, the authorities have noted that these activities significantly increase the danger of haze and the spread of accidental fires.

- (a) In Malaysia, several agencies have been authorized to conduct investigations into open burning. Identify FIVE (5) of these agencies.

(5 marks)

- (b) Identify FIVE (5) the proactive steps that individuals and industries can take to prevent open burning.

(5 marks)

SECTION B (Total: 60 marks)

Answer **THREE (3)** questions only.

Please use the answer booklet provided.

Question 1

Small island resorts face unique challenges in wastewater management due to limited land area and fragile marine ecosystems. As a Sustainability Executive, you have conducted a technical visit to a resort utilizing a Constructed Wetland System to study its wastewater treatment model. Appraise the impacts of this system for an island environment.

(20 marks)

Question 2

Small island resorts face unique challenges in wastewater management due to limited land area and fragile marine ecosystems. As a Sustainability Executive, you have conducted a technical visit to a resort utilizing a *Constructed Wetland System* to study its wastewater treatment model. Conduct an appraisal of the system to determine its feasibility for future implementation at our resort

(20 marks)

Question 3

In a large-scale resort operation, both staff and guests are frequently exposed to a variety of hazardous substances, ranging from concentrated chlorine in swimming pools to industrial-strength disinfectants in housekeeping and hazardous refrigerants in maintenance areas. If mismanaged, these chemicals can lead to acute health issues, long-term environmental degradation of the surrounding ecosystem, and significant legal liabilities for the organization.

Assess the operational safety of such a resort through the TEN (10)-step *Chemical Health Risk Assessment (CHRA)*. Support your answer with relevant example for each.

(20 marks)

Question 4

Waste management presents a complex challenge for island destinations globally, and Malaysia is not an exception. The islands of Malaysia serve as both critical biodiversity hubs and premier tourist attractions. Therefore, stakeholders must co-create solutions that protect these habitats, secure tourism revenue, and ensure future generations can enjoy these precious ecosystems.

- (a) Evaluate **TWO (2)** waste management challenges currently faced by most Malaysian island destinations.

(4 marks)

- (b) You are conducting a workshop for tourism operators in island destinations. Recommend **FOUR (4)** environmental management approaches that tourism operators can adopt to mitigate waste management issues in island destinations, with reference to their impact on destination sustainability.

(16 marks)

END OF EXAMINATION PAPER