

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF
SCIENCE IN ECOTOURISM

BECO 251: ENVIRONMENTAL MANAGEMENT FOR HOTELS

STREAMS: BSc ECOTOURISM Y2S2

TIME: 2 HOURS

DAY/DATE: TUESDAY 18/4/2023

2.30 P.M. – 4.30 P.M.

INSTRUCTIONS:

- Answer ALL questions in Section A and any TWO questions in Section B
- Do not write anything on the question paper.

SECTION A: (30 MARKS)

Discuss the importance of water conservation in hotels. (4 marks)

1. State four types of businesses within the hospitality industry and their impacts on environment. (6 marks)
2. State the important characteristics of hazardous materials. (6 marks)
3. State Four important *purchasing principles*. (6 marks)
4. Briefly discuss energy conservation measures in hotels. (4 marks)
5. Giving use of each, differentiate potable and non-potable water supply. (4 marks)

SECTION B: (40 MARKS)

7. (a) Discuss at least ten impacts of hotel industry on the environment. (10 marks)
- (b) Discuss mitigation measures for the 7a above. (10 marks)
8. Discuss the important components of Environmental Management Systems in hotels. (20 marks)
9. (a) Discuss the various alternatives of liquid waste disposal. (10 marks)
- (b) Discuss the factors to consider when choosing liquid waste disposal method. (10 marks)