

**CHUKA**



**UNIVERSITY**

**UNIVERSITY EXAMINATIONS**

**THIRD YEAR EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF  
SCIENCE IN CATERING AND HOSPITALITY MANAGEMENT**

**BCHM 302: ENVIRONMENTAL MANAGEMENT FOR HOTELS**

**STREAMS: BCHM Y3S2**

**TIME: 2 HOURS**

**DAY/DATE: WEDNESDAY 18/04/2018**

**11.30 A.M. – 1.30 P.M.**

**INSTRUCTIONS:**

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

**SECTION A (30 MARKS)**

1. Define a hotel environment in relation to environmental management. (3 marks)
2. Briefly explain the concept of sustainable development in the context of Kenyan hospitality industry. (4 marks)
3. Distinguish between potable and non-potable water supplies in a hotel. (4 marks)
4. Highlight important measures for hotels in managing energy consumption. (6 marks)
5. Differentiate between renewable and non-renewable resources in the context of environmental management in hotels. (4 marks)
6. Highlight the main global environmental issues of concern today. (6 marks)
7. Highlight necessary measures in management of water consumption in hotels. (3 marks)

**SECTION B (40 MARKS)**

8. Discuss the main considerations in carrying out EIA for new hotel projects in Kenya. (20 marks)

9. (a) Discuss the factors contributing to increased adoption of good environmental management practices in the hotel industry today. (10 marks)
- (b) Hospitality operations are open systems with significant impact to their environment. Using relevant illustrations discuss this statement. (10 marks)
10. (a) Discuss the main considerations in developing a waste management policy for a proposed five star hotel establishment. (12 marks)
- (b) Discuss the main considerations in the management of an indoor environment in a hotel establishment. (8 marks)
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