

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

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

ENSC 358: ENVIRONMENTAL AND INDUSTRIAL MANAGEMENT

STREAMS: B.SC ENSC Y3S1

TIME: 2 HOURS

DAY/DATE: TUESDAY 11/12/2018

8.30 A.M. – 10.30 A.M.

INSTRUCTIONS:

- **Attempt all questions in section A and any two in section B.**
- **Do not write on the question paper.**

SECTION A (30 MARKS)

- Q1. What are the three main forces driving change within an industry or organization. (3 marks)
- Q2. Highlight three strategies for dispute resolution embodied in Trade Dispute Act of Kenya. (3 marks)
- Q3. Explain the concept of responsible entrepreneurship. (3 marks)
- Q4. What are achievements of environmentalism movement in the industry and environmental management? (3 marks)
- Q5. Explain the influence of customers on product's variety and quality. (3 marks)
- Q6. Highlight three requirements in pursuit of sustainable development. (3 marks)
- Q7. Explain three goals of Resource Efficient and Cleaner Production. (6 marks)
- Q8. Explain the role of three different stakeholders in industry and business towards sustainable environmental management. (6 marks)

SECTION B (40 MARKS)

- Q9. (a) Explain three main components of cleaner production. (12 marks)
(b) Using relevant examples, explain the benefits of pollution prevention and cleaner production. (8 marks)
- Q10. (a) Explain the role of various components of organization structure. (8 marks)
(b) Discuss the characteristics of an open system. (12 marks)
- Q11. Discuss the components of the total quality environmental management system. (20 marks)
-