

CHUKA



UNIVERSITY

**UNIVERSITY EXAMINATION  
RESIT/SUPPLEMENTARY / SPECIAL EXAMINATIONS  
EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE IN  
ENVIRONMENTAL SCIENCE**

**ENSC 444: OCCUPATIONAL HEALTH AND SAFETY**

**STREAMS:**

**TIME: 2 HOURS**

**DAY/DATE: TUESDAY 02/11/2021**

**11.30 A.M - 1.30 P.M.**

**INSTRUCTIONS:**

- Answer All Questions in Section A and Any Other Two in Section B
- Do not write anything on the question paper.

**SECTION A: (30 MARKS)**

1. Define the terms below;
  - a. Work Related Diseases (2 marks)
  - b. Risk Management (2 marks)
  - c. Ergonomics (2 marks)
2. Outline the objectives of Occupational Safety and Health (5 marks)
3. State five basic workers' rights (5 marks)
4. Briefly discuss The Safety and Health Professional's Role and Responsibility (5 marks)
5. Briefly discuss the government's responsibility in occupational health and safety. (5 marks)
6. List four measures applied in prevention and control of occupational hazards. (4 marks)

**SECTION B: (40 MARKS)**

7. a. Discuss The Safety and Health Professional's Role and Responsibility. (10 marks)
- b. Discuss the Contents of health and safety policy statement (10 mark)

8. a. Discuss any four physical hazards. (8 marks)

b. Discuss six classes of chemical hazards (12 marks)

9. Discuss seven fundamental principles of ergonomics (20 marks)

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