



BONDO UNIVERSITY COLLEGE

UNIVERSITY EXAMINATIONS 2012/2013

**SECOND YEAR FIRST SEMESTER EXAMINATIONS FOR THE DEGREE
OF BACHELOR OF SCIENCE IN COMMUNITY HEALTH AND
DEVELOPMENT
(BUSIA LEARNING CENTRE)**

COURSE CODE: HCD 3216

TITLE: OCCUPATIONAL HEALTH AND SAFETY

DATE: 18/12/2012

TIME: 9.00 AM - 11.00AM

DURATION: 2 HOURS

INSTRUCTIONS

1. This paper contains TWO sections.
2. Answer ALL questions in section A (Compulsory) and ANY other Two questions in section B.
3. Write all answers in the booklet provided.

Section A: Answer ALL questions

1. Define the term “occupational health” (3marks).
2. Outline three objectives of occupational health and safety. (3marks)
3. Using examples, classify workplace hazards. (3marks)
4. Name any three environmental hazards.(3marks)
5. Distinguish between a building related illness and sick building syndrome.(3marks)
6. State any three dimensions in the four layer model of housing.(3marks)
7. Outline the hazard risk equation.(3marks)
8. State three occupational safety policies or regulations in Kenya. (3marks)
9. Outline any three motor vehicle accident control strategies in Kenya. (3marks)
10. What is hazard - vulnerability analysis.(3marks)

Section B: Answer ANY TWO questions (Total 40 marks)

1. Nyongesa is a long serving truck driver operating between Mombasa and Kampala.
Explain in detail four hazards that he is likely to be exposed to in the course of his work outlining how these hazards can be mitigated (20 marks)
2. Discuss at least five principles of occupational health (20 marks)
3. Using adequate examples describe the hazards associated with confined space. Include measures which may be taken to control them. (20 marks)
4. You have been hired by Mumias Sugar Company as a risk consultant to assess the company’s readiness and compliance with workers safety. Outline the steps you would take in your assessment. (20 marks)