



UNIVERSITY OF EMBU

2016/2017 ACADEMIC YEAR

SECOND SEMESTER EXAMINATION

FOURTH YEAR EXAMINATION FOR THE DEGREE OF BACHELOR OF
SCIENCE IN WATER RESOURCES MANAGEMENT

AEM 404: OCCUPATIONAL AND ENVIRONMENTAL HEALTH

DATE: APRIL 12, 2017

TIME: 8:30-10:30AM

INSTRUCTIONS:

Answer Question ONE and ANY other TWO Questions

QUESTION ONE

- a) Giving examples, explain the following concepts as used in occupational and environmental health
- i) Occupational Health (5 Marks)
 - ii) Etiology (5 Marks)
 - iii) Pathology (5Marks)
 - iv) Hazard (5 Marks)
 - v) Epidemiology (5 Marks)
 - vi) Ergonomics (5 Marks)

QUESTION ONE

Discuss the main responsibilities of occupational health and safety professionals (20 marks)

QUESTION THREE

Discuss various preventive measures for promoting human health (20 marks)

QUESTION FOUR

- a) Workplace hazards have become very common today, briefly describe any three types of workplace hazards. (12 Marks)
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- b) Explain how biological hazards affect workers, give examples. (8 Marks)

QUESTION FIVE

- a) Describe the main objectives of occupational health (12 Marks)
- b) Explain some of the common occupational health matters that workers encounter on day to day basis. (8 Marks)

END