



Technical University of Mombasa

Faculty of Applied and Health Sciences

DEPARTMENT OF ENVIRONMENT AND HEALTH
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF
SCIENCE IN DEVELOPMENT STUDIES
BSDS

APH 4307 : PRINCIPLES OF OCCUPATION HEALTH & SAFETY

SPECIAL/SUPPLEMENTARY EXAMINATION

OCTOBER 2013 SERIES

2 HOURS

Instructions to candidates:

This paper consist of **FIVE** questions

Answer question **ONE** (compulsory) and any other **TWO** questions

Question ONE

- a) Explain the objectives of occupational Health and safety in work Environment **(5marks)**
- b) Explain the basic principles of occupational health and safety **(5marks)**
- c) Explain FOUR ways by which occupational health and safety can assist in developing and maintaining first aid provisions **(4marks)**
- d) Explain the meaning of the following terminologies as used in occupational health **(4marks)**
 - (i) Dose response
 - (ii) Threshold dose
- e) Explain FOUR ways of managing absence due to sickness in workplaces **(4marks)**

- f) Explain FOUR health officers of noise **(4marks)**
- g) Distinguish between sampling and intergrated sampling in evaluation of occupational hazards. **(4marks)**

Question TWO

- a) Discuss steps involved in safety inspections in a working environment. **(15marks)**
- b) State FIVE problems encountered in the development of occupational health service

(5marks)

Question THREE

“Plant quarantine and pesticide inspectors are responsible for inspecting plants and plant materials for impart or export out of our country Kenya face health hazards” Discuss **(20marks)**

Question FOUR

- a) Explain how occupational Health professional participate in work place health promotion **(10marks)**
- b) Describe THREE types of systematic toxicity **(10marks)**

Question FIVE

- a) Describe how to control occupational risks **(12marks)**
- b) Explain primary Health Care (PHC) services for employed workers. **(8marks)**