



Technical University of Mombasa

Faculty of Applied and Health Sciences

DEPARTMENT OF ENVIRONMENT AND HEALTH SCIENCES

DIPLOMA IN COMMUNITY HEALTH AND HIV MANAGEMENT
(DCH 11, DCH 13J, DCH 12S)

APH 2204 : OCCUPATIONAL HEALTH & SAFETY

SUPPLEMENTARY/SPECIAL: EXAMINATIONS

SERIES: MARCH 2014

TIME: 2 HOURS

INSTRUCTIONS:

You should have the following for this paper

- *Answer booklet*

This paper consists of **FIVE** questions.

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

QUESTION ONE

- a) State the three main objectives of occupational health and safety. **(3 marks)**
- b) Outline three roles played by employers at places of work. **(3 marks)**
- c) Outline four contributions Bernado Ramazzini made in the development of occupational health and safety of workers during the 17th century. **(4 marks)**
- d) Briefly describe four types of occupational hazards **(4 marks)**
- e) Distinguish between the following pairs of occupational diseases.
- (i) Hypersensitivity pneumonitis and respiratory pneumoconioses **(2 marks)**
- (ii) Occupational dermatoses and occupational malignancies. **(2 marks)**
- f) Explain the meaning of the following terms
- (i) Fitness for work **(2 marks)**
- (ii) Occupational Eczema **(2 marks)**
- g) (i) Explain the importance of vaccinating individual before travel **(2 marks)**
- (ii) Outline any two factors that need to be considered before administration of travel medicine. **(2 marks)**
- h) Outline four measures that should be taken to minimize the occurrence of accidents in the road transport industry in Kenya **(4 marks)**

QUESTION TWO

- a) Outline any five responsibilities employers have to their employees. **(5 marks)**
- b) Describe five ways of preventing occupational diseases **(10 marks)**

QUESTION THREE

- a) Explain the meaning of the term “working conditions” **(2 marks)**
- b) Describe five ways in which working conditions affect the health of workers and outline three measures that should be taken to improve working conditions in an organization. **(13 marks)**

QUESTION FOUR

- a) Outline three predisposing factors for occurrence of occupational allergic diseases amongst workers in the mining industry. **(3 marks)**
- b) Describe five occupational allergic diseases and outline any two control measures. **(12 marks)**

QUESTION FIVE

- a) Discuss the elements of an incident analysis process **(10 marks)**
- b) Elucidate five significant problems encountered by incident reporting systems at work places **(5 marks)**