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University Examinations 2023/2024

THIRD YEAR, SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR
OF PUBLIC HEALTH

HPP 3322: OCCUPATIONAL HEALTH AND SAFETY

DATE: APRIL 2024

TIME: 2 HOURS

INSTRUCTIONS:

1. Answer Question ONE, and any other TWO
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QUESTION ONE (30 Marks)

- a) Briefly explain the duties of an employer under occupational safety and health Act, 2007 (OSHA, 2007). (5 marks)
- b) Explain the functions of the international labour organization (ILO) in OHS. (4 marks)
- c) Explain the concept of occupational hygiene and its role in protecting worker's health. (5 marks)
- d) As a public health officer in charge of Nkomo ward, Tigania West, discuss the strategies you would employ to reduce the exposure of the staff working in a tea factory to occupational hazards at workplace. (10 marks)
- e) Giving relevant example differentiate between occupational diseases and work-related diseases. (2 marks)
- f) Explain the importance of epidemiological surveillance of occupational hazards, indicating the steps followed in any workplace setting. (4 marks)



QUESTION TWO (20 MARKS)

Describe the factors that contribute to failure of accident investigations in most institutions (20 marks)

QUESTION THREE (20 MARKS)

Describe how you would control the exposure to hazardous substances in a healthcare setting workplace. (20 marks)

QUESTION FOUR (20 MARKS)

Discuss how epidemiological surveillance can be used to assess the impact of psychosocial factors on occupational health and well-being, and inform interventions to promote mental health in the workplace. (20 marks)

