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University Examinations 2023/2024

ONE YEAR, SECOND SEMESTER EXAMINATION FOR THE DEGREE OF MASTER IN
PUBLIC HEALTH

MPH 5122: OCCUPATIONAL SAFETY AND HEALTH

DATE: APRIL 2024

TIME: 3 HOURS

INSTRUCTIONS:

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

- a) Discuss the challenges associated with managing psychosocial hazards in the workplace and strategies for promoting mental health and well-being among employees. (5 marks)
- b) Describe how environmental monitoring and exposure assessment help identification and mitigation of chemical and biological hazards in workplace. (5 marks)
- c) Describe the fundamental principles of occupational health and safety management (5 marks)
- d) Briefly discuss how occupational exposure to air pollutants contribute to respiratory diseases among industrial workers. (4 marks)
- e) Describe the socioeconomic impacts of occupational diseases on worker, employers, and society as a whole. (5 marks)
- f) Describe the classification fire and control solutions for the reduction/elimination of occupational fires. (6 marks)



QUESTION TWO (15 MARKS)

There are many occupational hazards currently experiencing in industries and other working spaces in developing countries like Kenya. Discuss the health hazards that are present in such occupational environments, indicating how they impact worker's health. (15 marks)

QUESTION THREE (15 MARKS)

Examine the role of occupational health surveillance and risk assessments in identifying and preventing work-related illness and injuries. (15 marks)

QUESTION FOUR (15 MARKS)

Discuss the privation and control occupational diseases industrial setting workplace. (15 marks)

