



W1-2-60-1-6

**JOMO KENYATTA UNIVERSITY
OF
AGRICULTURE AND TECHNOLOGY
UNIVERSITY EXAMINATIONS 2023/2024**

**END OF SEMESTER EXAMINATIONS FOR THE DEGREE OF MASTER OF
SCIENCE IN GLOBAL HEALTH**

**PPH 3109: ADVANCED OCCUPATIONAL AND ENVIRONMENTAL HEALTH
DATE: AUGUST 2023 TIME: 3 HOURS**

INSTRUCTIONS: ANSWER ANY FOUR OF THE SIX QUESTIONS BELOW

1. Citing relevant examples in each category, discuss the various categories of classification of toxic substances encountered in various workplaces 25Marks

2.
 - a. Understanding types of accidents at a workplace assists in determining the potential hazards for the job safety analysis. Briefly explain five different types of such likely accidents in your workplace. 10Marks
 - b. You are a safety professional in a hospital. Identify one area where you will carry Job Safety Analysis, outline the steps to follow and the likely solutions you may suggest at the end of the exercise. 15Marks

3. Stress at work place has taken various forms and it is one of the leading emerging challenges to address at work. Discuss the various symptoms of stress and the possible methods of addressing it at workplaces 25 marks

4. One of the main resolutions in Conference of the Parties COP 26 in Glasgow in 2012 was to encourage global investment in sustainable energy in order to cut gaseous emissions. What strategies should be employed by the member countries in order to realize those expectations? 25 marks

5. Kenya government is interested in implementing an agenda of provision of good and affordable housing to all. Explain how the agenda would impact on the health of the general population. 25 marks

6. Sustainable Development Goal target 6.2 calls for adequate and equitable sanitation for all. Citing relevant examples, explain various types of sanitation services that are put in place to safely managed sanitation in a community 25 marks

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