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JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY

UNIVERSITY EXAMINATIONS 2023/2024

**SECOND SEMESTER EXAMINATION FOR THE DEGREE OF MASTER OF
SCIENCE IN PUBLIC HEALTH /GLOBAL HEALTH**

PPH 3108/3111: DISASTER MANAGEMENT AND PREVENTION

DATE: DECEMBER 2023

TIME: 3 HOURS

INSTRUCTIONS: ANSWER ANY FOUR QUESTIONS

1. In September 8th 2023, Morocco experienced a powerful earthquake of magnitude 6.8. Explain other associated events that occur after earthquake and the possible mitigation measures of earthquakes and each of these events. (25Marks)
2. Man induced disasters have continuously evolved into emerging and re-emerging forms. Citing relevant examples, explain these various forms and the conventional practices put in place as preventive measures (25Marks)
3. The Kenya Meteorological Organization has predicted that in the month of October through December of 2023, some places in the country will experience heavy rains. Assuming the role of disaster manager in one of the communities, explain how you would employ the disaster management cycle to mitigate for the disaster associated outcomes. (25Marks)
4. Emergency management coordination is important aspect in the disaster management. Explain the benefits associated with that strategy with emphasis on addressing the equipment needs (25Marks)
5. Construction industry in Kenya has led to exposure of major gaps in the disaster preparedness in that field. As a disaster manager in that industry, explain how you can effectively carry out assessment of vulnerability and preparedness in your industry (25Marks)
6. Having gone through a massive fire disaster, Hawaii is in rehabilitation stage. Discuss the strategies you would employ in the rebuilding and creation of the societal resilience (25 Marks)

