



KENYATTA UNIVERSITY
UNIVERSITY EXAMINATIONS 2010/2011
INSTITUTIONAL BASED PROGRAMME (IBP) DECEMBER SESSION
EXAMINATION FOR THE DEGREE OF MASTER OF SCIENCE
SCH 510: ENVIRONMENTAL CHEMISTRY

DATE: WEDNESDAY, 27TH APRIL 2011

TIME: 9.00 A.M. - 12.00 P.M.

INSTRUCTIONS:

Answer all questions and Show all the Workings where necessary.

1. Explain the following terminologies encountered in environmental chemistry:
 - (i) Pollutant
 - (ii) Sink
 - (iii) Receptor
 - (iv) Particulate

(8 marks)
2. Discuss the environmental impacts of the recent Tsunami experienced in Japan. **(10 marks)**
3. HIV/AIDS affects all of us. What is the role of environmental chemists in this area?

(10 marks)
4. Discuss control and management of solid waste. **(16 marks)**
5.
 - (a) Explain water pollution and list at least six classifications of water pollution. **(5 marks)**
 - (b) Discuss any five classifications of water pollution giving appropriate examples. **(15 marks)**
6. What are the implications of the course on your life? **(6 marks)**

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