

**W1-2-60-1-6**

**JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY**

# **UNIVERSITY EXAMINATIONS 2014/2015**

**FOURTH YEAR FIRST SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF COMMERCE**

**IPH 2403 : ENVIRONMENTAL POLLUTION**

**DATE: DECEMBER 2014 TIME: 2 HOURS**

**INSTRUCTIONS: ANSWER QUESTION ONE AND ANY OTHER TWO QUESTIONS**

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**QUESTION ONE [30 MARKS]**

1. Differentiate between the following terms as used in environmental pollution
2. Quantitative Pollutants [3 marks]
3. Qualitative Pollutants [3 marks]
4. Describe the “Non-degradable pollutants of the environment [3 marks]

1. Explain the effect of air pollution on the following.
2. Buildings and monuments [3 marks]
3. Plants [3 marks]
4. Describe the source of thermal pollution and its effects of the environment [3 marks]
5. Describe three types of radiation [3 marks]
6. Explain the term “biomagnifications” in reference to environmental pollution [3 marks]
7. Highlight their effects on the environment.

(i) Carbon dioxide [3 marks]

(ii) Sulphur dioxide [3 marks]

**QUESTION TWO [20 MARKS]**

Discuss the effects of the following on the environment

(i) Industrialization [10 marks]

(ii) Use of Agricultural pesticides [10 marks]

**QUESTION THREE [20 MARKS]**

Discuss environmental Pollution using the following headings

(i) Untreated sewage [10 marks]

(ii) Release of carabon dioxide [10 marks]

**QUESTION FOUR [20 MARKS]**

Discuss “Particulate air Pollution” and state their effects on the environment and human health.