



**PAMIBIA UNIVERSITY**  
OF SCIENCE AND TECHNOLOGY

**FACULTY OF HEALTH AND APPLIED SCIENCES**

**DEPARTMENT OF HEALTH SCIENCES**

<b>QUALIFICATION:</b> BACHELOR OF ENVIRONMENTAL HEALTH SCIENCES	
<b>QUALIFICATION CODE:</b> 08BEHS	<b>LEVEL:</b> 8
<b>COURSE CODE:</b> EQM 811S	<b>COURSE NAME:</b> ENVIRONMENTAL QUALITY MANAGEMENT
<b>SESSION:</b> JULY 2019	<b>PAPER:</b> THEORY
<b>DURATION:</b> 3 HOURS	<b>MARKS:</b> 100

<b>SUPPLEMENTARY/SECOND OPPORTUNITY EXAMINATION QUESTION PAPER</b>	
<b>EXAMINER(S)</b>	PROF OMOTAYO AWOFOLU
<b>MODERATOR:</b>	PROF SHADUNG JOHN MOJA

<b>INSTRUCTIONS</b>	
<ol style="list-style-type: none"><li>1. Answer ALL the questions.</li><li>2. Write clearly and neatly.</li><li>3. Number the answers clearly.</li></ol>	

**PERMISSIBLE MATERIALS**

1. None

**THIS QUESTION PAPER CONSISTS OF 1 PAGE (Excluding this front page)**

## SECTION A [22 Marks]

### QUESTION 1 [22 Marks]

- 1.1 Recognise the measures that can be adopted for the prevention of air pollution. (6)
- 1.2 Recall the term Carbon Footprint (CF) and state how it can be reduced at the individual level. (7)
- 1.3 Express the factors that can potentially lead to the contamination of water resources in a rural community. (9)

## SECTION B [38 Marks]

### QUESTION 2 [38 Marks]

- 2.1 Discuss the factors that can potentially lead to contamination of potable water distribution to consumers by the municipality. (9)
- 2.2 Explain the processes or approached through which soil degradation can be managed. (9)
- 2.3 Describe any five (5) human activities that can contribute to air pollution. (10)
- 2.4 Briefly explain the following terms:
- i. Secondary water treatment (4)
  - ii. Radioactivity (3)
  - iii. Non-point source of pollution (3)

## SECTION C [40 Marks]

### QUESTION 3 [40 Marks]

- 3.1 Propose the steps expected to be taken for protection against exposure to radiation. (7)
- 3.2 Predict the consequences and implications of Global Warming on the environment. (9)
- 3.3 Examine the measures by which air pollution can be managed and controlled. (12)
- 3.4 Some safety measures can be implemented in order to prevent Environmental Noise and ensure human health. Discuss these safety measures. (12)

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**TOTAL: 100 MARKS**

**GOOD LUCK!!!**