

AGA KHAN UNIVERSITY EXAMINATION BOARD
SECONDARY SCHOOL CERTIFICATE
CLASS IX
MODEL EXAMINATION PAPER 2023 AND ONWARDS
Environmental Studies Paper II
Time: 1 hour 55 minutes Marks: 40

INSTRUCTIONS

Please read the following instructions carefully.

1. Check your name and school information. Sign if it is accurate.

I agree that this is my name and school.
Candidate's Signature

RUBRIC

2. There are TEN questions. Answer ALL questions. Questions 8, 9 & 10 each offer TWO choices. Attempt any ONE choice from each.
3. When answering the questions:

Read each question carefully.
Use a black pointer to write your answers. DO NOT write your answers in pencil.
Use a black pencil for diagrams. DO NOT use coloured pencils.
DO NOT use staples, paper clips, glue, correcting fluid or ink erasers.
Complete your answer in the allocated space only. DO NOT write outside the answer box.
4. The marks for the questions are shown in brackets ().

Q.1. (Total 3 Marks)

Aliya has opted to study Environmental Studies in Grade IX.

State any THREE concepts that she will learn by the end of this course.

Q.2. (Total 4 Marks)

Describe any FOUR benefits of hydrosphere for living organisms and the environment.

Q.3.

(Total 4 Marks)

Locally as well as globally, human activities have disrupted the natural cycling of carbon, nitrogen and many other components of the ecosystem.

Write any FOUR consequences of the disruption mentioned in the given statement.

Q.4.

(Total 4 Marks)



Widespread formal education is shaping population dynamics globally.

Justify the given statement by mentioning any FOUR positive effects of formal education on population.

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Q.5. (Total 3 Marks)

Identify the type of waste material shown in figures **A** and **B**. Write any ONE difference between them.

	
A. _____	B. _____

Q.6. (Total 3 Marks)

Write any THREE hazardous effects caused due to poor management of landfills on the environment.

Q.7.

(Total 4 Marks)

Imad works as environmental manager at a nuclear power plant which produces bulk of radioactive wastes on yearly basis. One of the major objectives in his job description is to supervise disposal of radioactive waste properly.

Suggest any FOUR ways to Imad for safe disposal of radioactive waste.

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(Total 5 Marks)

- a. Understanding Environmental Studies requires an interdisciplinary approach such as the correlation of the subject with Chemistry, Ecology and Sociology.

b. Flood, earthquake and hurricane are some of the natural events that cause great damage and loss of life.

Describe any FIVE negative consequences of these natural disasters on the ecosystem of a forest.

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EITHER

OR

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(Total 5 Marks)

EITHER

a.

- i. What is land pollution? (1 Mark)
- ii. Describe any FOUR human activities that cause land pollution. (4 Marks)

OR

b. Noise pollution affects both health and behaviour of human beings.

Give any FIVE reasons to justify this statement. (5 Marks)

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END OF PAPER

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