

**AGA KHAN UNIVERSITY EXAMINATION BOARD**  
**SECONDARY SCHOOL CERTIFICATE**  
**CLASS X**  
**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**

2. RUBRIC. 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 4 Marks)

Describe any FOUR natural factors that lead to the loss of biodiversity through extinction of species.

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Q.2. (Total 4 Marks)

Highlight any FOUR environmental benefits of recycling waste.

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Q.3.

(Total 4 Marks)

A person doing a full-day job has been recently promoted with the provision of a luxurious accommodation and a handsome salary package. Based on his/ her performance, he/ she has been given further responsibilities including extensive travel.

- a. What TWO long-term changes do you expect in the consumption pattern of food as a result of this promotion? (2 Marks)

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- b. Give any TWO reasons why you think these changes will arise. (2 Marks)

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Q.4.

(Total 4 Marks)

Write any TWO advantages and TWO disadvantages of using coal as an energy source.

Advantages: \_\_\_\_\_

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Disadvantages: \_\_\_\_\_

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Q.5. (Total 4 Marks)

Describe the following factors as indicators of quality of life in relation to our environment.

a. Health (1 Mark)

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b. Education (1 Mark)

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c. Housing (1 Mark)

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d. Transportation (1 Mark)

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Q.6. (Total 3 Marks)

List any THREE features of the Changa Manga forest in Pakistan.

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Q.7.

(Total 2 Marks)

Mr Aliyan has been appointed as the Director of an Environmental Management Agency.

Suggest any TWO actions that he should take to reduce the effect of global warming in his city.

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**EITHER**

- OR**

- As an energy conservation specialist, recommend any FIVE steps which would help Areeb to decrease his monthly energy expenditure.

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Q.9.

(Total 5 Marks)

**EITHER**

- a. Describe any FIVE negative effects of mining on the environment.

**OR**

- b. Describe any FIVE ways to develop environmental awareness in a society.

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**EITHER**

- Describe any FIVE of these negative effects of this deforestation on the ecosystem.

**OR**

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