AGA KHAN UNIVERSITY EXAMINATION BOARD SECONDARY SCHOOL CERTIFICATE

CLASS X

MODEL EXAMINATION PAPER 2023 AND ONWARDS

Environmental Studies Paper II

ns caref Time: 1 hour 55 minutes

INSTRUCTIONS

Please read the following instructions carefully.

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

> 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 ().

Page 2 of 12		
Q.1.	T)	Total 4 Marks
Describe any FOUR 1	natural factors that lead to the loss of biodiversity through extinction	of species.
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	18 10 ins	
Q.2.	Ø, X D	Total 4 Marks
Highlight any FOUR	environmental benefits of recycling waste.	
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	40	

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Q.3.	(Total 4 Marks
Quo.	(Total Titaliks
A person doing a full-day job has been recently promoted with the provision of a accommodation and a handsome salary package. Based on his/ her performance, I given further responsibilities including extensive travel.	
a. What TWO long-term changes do you expect in the consumption pattern of this promotion?	food as a result of (2 Marks
	3
b. Give any TWO reasons why you think these changes will arise.	(2 Marks
Pt Po &	
"Oge HILD	
Mr. Sac.	
Q.4.	(Total 4 Marks
Write any TWO advantages and TWO disadvantages of using coal as an energy so	ource.
Advantages:	
Disadvantages:	
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nvironmental Studies Model Paper X	

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Q.5		(Total 4 Marks)
Des	scribe the following fa	ctors as indicators of quality of life in relation to our environment.
a.	Health	(1 Mark)
b.	Education	(1 Mark)
c.	Housing	(1 Mark)
		47,038,016,
_		Pial 20
d.	Transportation	(1 Mark)
		100
Q.6	i.	(Total 3 Marks)
List	t any THREE features	of the Changa Manga forest in Pakistan.

age 5 of 12	
2.7.	(Total 2 Mar
Ar Aliyan has been appointed as the Director of an Environmental Management Ag	gency.
Suggest any TWO actions that he should take to reduce the effect of global warmin	g in his city.
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Q.8.	. (Total 5 Marks) EITHER	
a.	Environmentalists are concerned that biodiversity is constantly under threat due to human activities. A number of measures are now being taken globally to conserve living organisms and the ecosystem in which they exist.	
	As a consumer, suggest any FIVE actions one should take to minimise the dangers to biodiversity.	
	OR	
b.	Areeb has a family of ten members. His monthly home expenditure (utilities and bills) increased twice to what it was a year ago. Due to that, he is now interested to develop an energy conservation plan for his home.	
	As an energy conservation specialist, recommend any FIVE steps which would help Areeb to decrease his monthly energy expenditure.	
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	Mosch	
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Q.9. EITHER	(Total 5 Marks)
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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Q.10. (Total 5 Marks) EITHER a. In the past few years, the forests of Swat have been cleared and their lands are used for farms, ranches and human settlements. This deforestation has created an imbalance in the ecosystem		
affecting its biotic and abiotic components.		
Describe any FIVE of these negative effects of this deforestation on the ecosystem.		
OR b.		
i. How is acid rain produced? (1 Mark)		
ii. Discuss any FOUR effects of acid rain on the environment. (4 Marks)		
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END OF PAPER		

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