Go to › Environment and Environmental Pollution · p.6 | Weather and Climate · p.7 | Pollution, Greenhouse Effect and Atmosphere · p.9 | Last-Night Revision · p.11

AGF 101 · Fundamentals of Environmental Science · Question Analysis

২০২২–২০২৫ চার বছরের সব প্রশ্ন: ৪টি পত্রে মোট **৫৬টি প্রশ্ন** মিলিয়ে **30টি আলাদা প্রশ্ন** (একই প্রশ্ন একবারই দেওয়া)। কোনো প্রশ্ন বাদ যায়নি। প্রতি পত্রে সেকশন A ও B থেকে যেকোনো ৫টি করে উত্তর, প্রতি প্রশ্ন ৩ নম্বর। কোড: **A4** = সেকশন A, প্রশ্ন ৪। প্রতি টপিকে প্রশ্ন **২০২৫ থেকে ২০২২ ক্রমে** সাজানো।

1 Environment and Environmental Pollution

Shoaibur Rahman Sir

- Water pollution: **4 বার** (4/৪ বছর)
- Pollution and pollutants: **4 বার** (4/৪ বছর)
- Environmental issues of Bangladesh: **3 বার** (3/৪ বছর)

10 প্রশ্ন **21 বার এসেছে**

2 Weather and Climate

Manik Ali Sir

- Climate-smart agriculture (CSA): **4 বার** (2/৪ বছর)
- Climate change: **3 বার** (3/৪ বছর)
- Climate of Bangladesh: **2 বার** (2/৪ বছর)

8 প্রশ্ন **13 বার এসেছে**

3 Pollution, Greenhouse Effect and Atmosphere

Abu Hanif Sir

- Atmosphere: **5 বার** (3/৪ বছর)
- Ozone layer: **4 বার** (4/৪ বছর)
- Greenhouse effect: **4 বার** (4/৪ বছর)

12 প্রশ্ন **25 বার এসেছে**

★ কীভাবে পড়বে

- ★★★ = ৪–৫ বার, আগে পড়ো
- ★★☆ = ৩ বার
- ★☆☆ = ২ বার, ☆☆☆ = ১ বার
- পাশের **২৫ ২৪ ২৩ ২২** বক্সে সবুজ = ওই বছর এসেছে

Mahfuz R. Shanto

পরিবেশ ও দূষণ (শিক্ষক: Shoaibur Rahman Sir) → আবহাওয়া ও জলবায়ু (Manik Ali Sir) → দূষণ, গ্রিনহাউস প্রভাব ও বায়ুমণ্ডল (Abu Hanif Sir)

প্রতি বছর ১৪টি প্রশ্ন (সেকশন A: ৭, B: ৭) · মোট ৫৬টি

প্রশ্ন সূচি (আইডিতে ক্লিক করলে সরাসরি প্রশ্নে যাবে)

Environment and Environmental Pollution

EN1 ★ p.6 | EN2 ★★ p.6 | EN3 ★★★ p.6 | EN4 ★★★ p.6 | EN5 p.6 | EN6 p.6 | EN7 ★ p.7 | EN8 ★ p.7 | EN9 p.7 | EN10 p.7

Weather and Climate

WC1 p.7 | WC2 ★ p.7 | WC3 ★ p.8 | WC4 p.8 | WC5 ★ p.8 | WC6 ★ p.8 | WC7 ★ p.8 | WC8 p.8

Pollution, Greenhouse Effect and Atmosphere

PG1 ★★★ p.9 | PG2 ★★ p.9 | PG3 ★★ p.9 | PG4 ★ p.9 | PG5 ★ p.9 | PG6 ★ p.9 | PG7 ★★ p.10 | PG8 ★ p.10 | PG9 p.10 | PG10 p.10 | PG11 p.10 | PG12 p.10

একাধিকবার আসা প্রশ্ন · কোন সালে, কোন কোডে (19টি)

প্রথমে ৫ বার ও ৪ বার আসা প্রশ্নগুলো পড়ো। এগুলো পরীক্ষায় আসার সম্ভাবনা সবচেয়ে বেশি।

4× **EN3** Define pollution, pollutant and environmental pollution. Discuss the different types of pollutants with examples.
2025 B1 · 2024 B5 · 2023 B1 · 2022 A7

4× **EN4** Discuss the sources (major pollutants), reasons and remedies of water pollution. How can you tell whether a water sample is of good or poor quality?
2025 B3 · 2024 B6 · 2023 B5 · 2022 B4

4× **PG1** What is meant by fossil fuel? How does burning fossil fuel (energy use) pollute and degrade the environment? Compare the environmental effects of different fossil fuels.
2025 A4 · 2024 B1 · 2023 A5 · 2022 A6

3× **EN2** Enumerate and briefly discuss the major environmental issues of Bangladesh (and of the world).
2025 A3 · 2023 A1 · 2022 B1

3× **PG3** What is meant by greenhouse effect? Write the reasons for the greenhouse effect. Illustrate with a sketch how global warming occurs due to the greenhouse effect.
2025 A6 · 2023 A6 · 2022 A5

3× **PG2** Enumerate the reasons (drivers) of global warming. Discuss the impacts of global warming on Bangladesh.
2025 A5 · 2024 B3 · 2022 B6

3× **PG7** Briefly discuss the major layers of the atmosphere and delineate their respective altitudes.
2025 B5 · 2023 A4 · 2022 A3

2× **EN1** What is meant by "Environment"? Illustrate (list) the components of environment with examples, including the edaphic and biotic factors.
2025 A1 · 2022 A1

2× **WC2** Define climate and clearly distinguish it from weather with suitable examples.
2025 B6 · 2022 A4

2× **WC3** How does climate change influence Bangladesh (floods, droughts, storms, water resources) and our daily life? Explain with examples.
2025 B7 · 2022 B2

2× **PG8** What is atmosphere? Mention the composition of atmospheric gases.
2025 B5 · 2022 A2

2× **PG4** Give an outline of the ozone hole. Write the consequences of ozone layer depletion.
2025 A7 · 2023 A7

2× **PG5** "Oxides of carbon and nitrogen are the major air pollutants" - Justify. Discuss the sources and effects of carbon dioxide and carbon monoxide with examples.
2025 B2 · 2023 B2

2× **PG6** What are the forms of acid deposition? Summarize the effect of acid rain on ecosystems.
2025 B4 · 2023 B4

2× **EN7** Analyze the primary human actions and activities contributing to environmental degradation (in Bangladesh).
2024 A3 · 2023 A2

2× **EN8** Explain how agroforestry contributes to biodiversity conservation and soil protection. What is the role of biodiversity in agroforestry systems and how does it impact the environment?
2024 B7 · 2023 A3

2× **WC5** Briefly describe the climate profile of Bangladesh.
2024 A5 · 2022 A4

2× **WC6** What is meant by climate-smart agriculture (CSA)? Mention the key principle (objectives) of CSA.
2024 A6 · 2023 B7

2× **WC7** Briefly describe the CSA technologies (practices) for climate change adaptation.
2024 A7 · 2023 B7

সাল অনুযায়ী প্রশ্ন-তালিকা (১/২): কোন প্রশ্ন কতবার এসেছে

প্রতি সারিতে মূল প্রশ্ন, তার উত্তর-আইডি ও মোট কতবার এসেছে। ★ = ৩ বা তার বেশি বার।

2025 · Final Examination · Full marks 30

A1	What is meant by 'Environment'? Illustrate the environmental edaphic and biotic factors.	EN1	2×
A2	"Climatic factors greatly influence the survival, distribution, and behavior of living organisms" - Explain.	WC1	1×
A3	Briefly describe the major environmental issues of Bangladesh.	EN2	★3×
A4	What is meant by fossil fuel? Analyze the comparative environmental effects of different fossil fuels.	PG1	★4×
A5	Enumerate the reasons of global warming. Discuss the impact of global warming on Bangladesh.	PG2	★3×
A6	Illustrate how global warming occurs due to the greenhouse effect with a sketch.	PG3	★3×
A7	Give an outline of the ozone hole. Write the consequences of ozone layer depletion.	PG4	2×
B1	Illustrate the following terms: Pollution, Pollutant, Environmental pollution.	EN3	★4×
B2	"Oxides of carbon and nitrogen are the major air pollutants" - Justify.	PG5	2×
B3	Discuss the major pollutant causing water pollution.	EN4	★4×
B4	What are the forms of acid deposition? Summarize the effect of acid rain on ecosystems.	PG6	2×
B5	What is "Atmosphere"? Briefly discuss the major layers of the atmosphere.	PG8 + PG7	★3×
B6	Define climate and clearly distinguish it from weather with suitable examples.	WC2	2×
B7	How does climate change influence Bangladesh, particularly in relation to floods, droughts, storms, and water resources?	WC3	2×

2024 · Final Examination · Full marks 30

A1	Differentiate clearly between "environment," "environmental science," "environmental management," "ecosystem," and "ecology." Provide a specific example for each term to illustrate its meaning.	EN5	1×
A2	Explain the fundamental reasons why environmental science is a crucial field of study for undergraduate students in agricultural disciplines.	EN6	1×
A3	Briefly analyze the primary human actions and activities contributing to Bangladesh's environmental degradation.	EN7	2×
A4	Define the following terms: climate, climate change, resilience, adaptation, and mitigation.	WC4	1×
A5	Briefly describe the climate profile of Bangladesh.	WC5	2×
A6	What is Climate-smart agriculture (CSA)? Mention the key principle of CSA.	WC6	2×
A7	Briefly describe two CSA technologies for climate change adaptation.	WC7	2×
B1	Write about how energy use pollutes our environment, focusing on burning fossil fuels.	PG1	★4×
B2	Graphically show the top five countries contributing to global CO2 emissions. Discuss the consequences of the greenhouse effect.	PG9	1×
B3	What are the drivers of global warming? Write about the pessimistic impacts of global warming on Bangladesh.	PG2	★3×
B4	What is meant by "Ozone, Ozone layer, and Ozone hole"? Why is the ozone hole prominent over the Antarctic region?	PG10	1×
B5	What is meant by pollutant and pollution? Briefly discuss the different types of pollutants.	EN3	★4×
B6	Write the reasons and remedies for water pollution.	EN4	★4×
B7	What is the role of biodiversity in agroforestry systems, and how does it impact the environment?	EN8	2×

সাল অনুযায়ী প্রশ্ন-তালিকা (২/২): কোন প্রশ্ন কতবার এসেছে

প্রতি সারিতে মূল প্রশ্ন, তার উত্তর-আইডি ও মোট কতবার এসেছে। ★ = ৩ বা তার বেশি বার।

2023 · Final Examination · Full marks 30

A1	Enumerate and briefly discuss the major environmental issues faced by Bangladesh.	EN2	★3×
A2	Analyze the environmental degradation resulting from human activities.	EN7	2×
A3	Explain how agroforestry contributes to biodiversity conservation and soil protection.	EN8	2×
A4	Classify atmospheric layers and delineate their respective altitudes.	PG7	★3×
A5	Interpret the statement "Burning of fossil fuel degrades our environment".	PG1	★4×
A6	What is meant by greenhouse effect? Illustrate how global warming takes place due to greenhouse effect.	PG3	★3×
A7	Give an outline on ozone hole. Write the consequences of ozone layer depletion.	PG4	2×
B1	Define environmental pollution. Discuss different types of environmental pollutants with examples.	EN3	★4×
B2	Discuss the sources and effects of carbon dioxide and carbon monoxide with examples.	PG5	2×
B3	"Agroforestry practices improve water quality and mitigate climate change impacts" - Explain.	EN9	1×
B4	What are the forms of acid deposition? Summarize the effect of acid rain on ecosystems.	PG6	2×
B5	Briefly discuss the sources of water pollution.	EN4	★4×
B6	Briefly enumerate the reasons of climate change.	WC8	1×
B7	What is meant by climate smart agriculture (CSA)? Enlist the CSA practices.	WC6 + WC7	2×

2022 · Final Examination · Full marks 30

A1	Define the Environment. List down the components of environment with examples.	EN1	2×
A2	What is atmosphere? Mention the composition of atmospheric gases.	PG8	2×
A3	Discuss the atmospheric layers with their altitudes.	PG7	★3×
A4	What do you mean by climate? Briefly describe the climate profile of Bangladesh.	WC2 + WC5	2×
A5	What is greenhouse effect? Write the reasons for the greenhouse effect.	PG3	★3×
A6	What is fossil fuel? "Burning of fossil fuel for energy consumption is one of the main reasons for environmental degradation" - Explain.	PG1	★4×
A7	Discuss the different types of pollutants with example.	EN3	★4×
B1	What are the major environmental issues currently affecting the world and specific to Bangladesh? Briefly explain any one important issue.	EN2	★3×
B2	How does climate change affect our daily life? Explain with example.	WC3	2×
B3	"Noise pollution can be minimized through forestation program" - Discuss.	EN10	1×
B4	Mention the sources of water pollution with examples. Explain, in simple terms, how one can determine whether a water sample is of good or poor quality?	EN4	★4×
B5	Write the causes and effect of sulfur compounds on environment.	PG11	1×
B6	How does global warming affect Bangladesh and what are the significant impacts it has on the country?	PG2	★3×
B7	What is meant by ozone layer depletion? Explain the causes of ozone layer depletion.	PG12	1×

কোন টপিক কতটা গুরুত্বপূর্ণ

বারের দৈর্ঘ্য = ২০২২–২০২৫ এ ওই বিষয় থেকে মোট কতবার প্রশ্ন এসেছে। ডানে: ৪ বছরের মধ্যে কত বছরে এসেছে।

3	**Atmosphere** Pollution, Greenhouse Effect and Atmosphere	5 বার · 3/৪ বছর	★★
1	**Pollution and pollutants** Environment and Environmental Pollution	4 বার · 4/৪ বছর	★★
1	**Water pollution** Environment and Environmental Pollution	4 বার · 4/৪ বছর	★★
3	**Fossil fuel** Pollution, Greenhouse Effect and Atmosphere	4 বার · 4/৪ বছর	★★
3	**Greenhouse effect** Pollution, Greenhouse Effect and Atmosphere	4 বার · 4/৪ বছর	★★
3	**Ozone layer** Pollution, Greenhouse Effect and Atmosphere	4 বার · 4/৪ বছর	★★
2	**Climate-smart agriculture (CSA)** Weather and Climate	4 বার · 2/৪ বছর	★★
1	**Environmental issues of Bangladesh** Environment and Environmental Pollution	3 বার · 3/৪ বছর	★
3	**Air pollutants** Pollution, Greenhouse Effect and Atmosphere	3 বার · 3/৪ বছর	★
3	**Global warming** Pollution, Greenhouse Effect and Atmosphere	3 বার · 3/৪ বছর	★
2	**Climate change** Weather and Climate	3 বার · 3/৪ বছর	★
1	**Agroforestry and biodiversity** Environment and Environmental Pollution	3 বার · 2/৪ বছর	★
1	**Environment** Environment and Environmental Pollution	2 বার · 2/৪ বছর	☆
1	**Environmental degradation** Environment and Environmental Pollution	2 বার · 2/৪ বছর	☆
3	**Acid rain** Pollution, Greenhouse Effect and Atmosphere	2 বার · 2/৪ বছর	☆
2	**Climate and weather** Weather and Climate	2 বার · 2/৪ বছর	☆

Mahfuz R. Shanto

Environment and Environmental Pollution

Shoaibur Rahman Sir · 10 প্রশ্ন · মোট 21 বার এসেছে

21 times

EN1 ★ ☆☆ মাঝারি 25 24 23 22 2×

What is meant by "Environment"? Illustrate (list) the components of environment with examples, including the edaphic and biotic factors.

2025: environment, edaphic and biotic factors; 2022: define environment and list its components with examples

Environment · নম্বর: 3 · 2025 A1 · 3m · 2022 A1 · 3m

EN2 ★★ ☆ গুরুত্বপূর্ণ 25 24 23 22 3×

Enumerate and briefly discuss the major environmental issues of Bangladesh (and of the world).

2022: world and Bangladesh issues, explain any one important issue briefly

Environmental issues of Bangladesh · নম্বর: 3 · 2025 A3 · 3m · 2023 A1 · 3m · 2022 B1 · 3m

★ এই টপিকের সবচেয়ে বেশি আসা প্রশ্ন ★

EN3 ★★★ সবচেয়ে গুরুত্বপূর্ণ 25 24 23 22 4×

Define pollution, pollutant and environmental pollution. Discuss the different types of pollutants with examples.

2025: define pollution, pollutant, environmental pollution; 2022: types of pollutants with examples; 2024 and 2023: definition and types together

Pollution and pollutants · নম্বর: 3 · 2025 B1 · 3m · 2024 B5 · 3m · 2023 B1 · 3m · 2022 A7 · 3m

★ এই টপিকের সবচেয়ে বেশি আসা প্রশ্ন ★

EN4 ★★★ সবচেয়ে গুরুত্বপূর্ণ 25 24 23 22 4×

Discuss the sources (major pollutants), reasons and remedies of water pollution. How can you tell whether a water sample is of good or poor quality?

2025: major pollutant causing water pollution; 2024: reasons and remedies; 2023: sources; 2022: sources with examples and how to judge water quality

Water pollution · নম্বর: 3 · 2025 B3 · 3m · 2024 B6 · 3m · 2023 B5 · 3m · 2022 B4 · 3m

EN5 ☆☆☆ 25 24 23 22 1×

Differentiate clearly between "environment", "environmental science", "environmental management", "ecosystem" and "ecology". Provide a specific example for each term.

Basic terms · নম্বর: 3 · 2024 A1 · 3m

EN6 ☆☆☆ 25 24 23 22 1×

Explain the fundamental reasons why environmental science is a crucial field of study for undergraduate students in agricultural disciplines.

Basic terms · নম্বর: 3 · 2024 A2 · 3m

EN7 ★ ★★ মাঝারি 25 24 23 22 2×

Analyze the primary human actions and activities contributing to environmental degradation (in Bangladesh).

2024: with reference to Bangladesh; 2023: degradation resulting from human activities

Environmental degradation নম্বর: 3

2024 A3 · 3m 2023 A2 · 3m

EN8 ★ ★★ মাঝারি 25 24 23 22 2×

Explain how agroforestry contributes to biodiversity conservation and soil protection. What is the role of biodiversity in agroforestry systems and how does it impact the environment?

2024: role of biodiversity in agroforestry and its impact on the environment; 2023: agroforestry for biodiversity conservation and soil protection

Agroforestry and biodiversity নম্বর: 3

2024 B7 · 3m 2023 A3 · 3m

EN9 ★★★ 25 24 23 22 1×

"Agroforestry practices improve water quality and mitigate climate change impacts" - Explain.

Agroforestry and biodiversity নম্বর: 3

2023 B3 · 3m

EN10 ★★★ 25 24 23 22 1×

"Noise pollution can be minimized through forestation program" - Discuss.

Noise pollution নম্বর: 3 2022 B3 · 3m

Weather and Climate

Manik Ali Sir · 8 প্রশ্ন · মোট 13 বার এসেছে

13 times

WC1 ★★★ 25 24 23 22 1×

"Climatic factors greatly influence the survival, distribution, and behavior of living organisms" - Explain.

Climate and living organisms নম্বর: 3

2025 A2 · 3m

★ এই টপিকের সবচেয়ে বেশি আসা প্রশ্ন ★

WC2 ★ ★★ মাঝারি 25 24 23 22 2×

Define climate and clearly distinguish it from weather with suitable examples.

2022: "What do you mean by climate?" (together with the climate profile of Bangladesh)

Climate and weather নম্বর: 3 2025 B6 · 3m 2022 A4 · 3m

★ এই টপিকের সবচেয়ে বেশি আসা প্রশ্ন ★

WC3 ★ ★★ মাঝারি 25 24 23 22 2×

How does climate change influence Bangladesh (floods, droughts, storms, water resources) and our daily life? Explain with examples.

2025: floods, droughts, storms and water resources of Bangladesh; 2022: effect on our daily life, with example

Climate change নম্বর: 3 2025 B7 · 3m 2022 B2 · 3m

WC4 ★★★ 25 24 23 22 1×

Define the following terms: climate, climate change, resilience, adaptation and mitigation.

Climate terms নম্বর: 3 2024 A4 · 3m

★ এই টপিকের সবচেয়ে বেশি আসা প্রশ্ন ★

WC5 ★ ★★ মাঝারি 25 24 23 22 2×

Briefly describe the climate profile of Bangladesh.

2022: asked together with "What do you mean by climate?"

Climate of Bangladesh নম্বর: 3 2024 A5 · 3m 2022 A4 · 3m

★ এই টপিকের সবচেয়ে বেশি আসা প্রশ্ন ★

WC6 ★ ★★ মাঝারি 25 24 23 22 2×

What is meant by climate-smart agriculture (CSA)? Mention the key principle (objectives) of CSA.

2023: define CSA and enlist the CSA practices

Climate-smart agriculture (CSA) নম্বর: 3 2024 A6 · 3m 2023 B7 · 3m

★ এই টপিকের সবচেয়ে বেশি আসা প্রশ্ন ★

WC7 ★ ★★ মাঝারি 25 24 23 22 2×

Briefly describe the CSA technologies (practices) for climate change adaptation.

2024: describe two CSA technologies; 2023: enlist the CSA practices

Climate-smart agriculture (CSA) নম্বর: 3 2024 A7 · 3m 2023 B7 · 3m

WC8 ★★★ 25 24 23 22 1×

Briefly enumerate the reasons of climate change.

Climate change নম্বর: 3 2023 B6 · 3m

Pollution, Greenhouse Effect and Atmosphere

Abu Hanif Sir · 12 প্রশ্ন · মোট 25 বার এসেছে

25 times

★ এই টপিকের সবচেয়ে বেশি আসা প্রশ্ন ★

PG1 ★★★ সবচেয়ে গুরুত্বপূর্ণ — 25 24 23 22 — 4×

What is meant by fossil fuel? How does burning fossil fuel (energy use) pollute and degrade the environment? Compare the environmental effects of different fossil fuels.

2025: what is fossil fuel, comparative effects of different fossil fuels; 2024: energy use pollutes the environment; 2023: interpret "burning of fossil fuel degrades our environment"; 2022: what is fossil fuel, explain

Fossil fuel · নম্বর: 3 · 2025 A4 · 3m · 2024 B1 · 3m · 2023 A5 · 3m · 2022 A6 · 3m

PG2 ★★☆ গুরুত্বপূর্ণ — 25 24 23 22 — 3×

Enumerate the reasons (drivers) of global warming. Discuss the impacts of global warming on Bangladesh.

2022: only the impact on Bangladesh (significant impacts on the country)

Global warming · নম্বর: 3

2025 A5 · 3m · 2024 B3 · 3m · 2022 B6 · 3m

PG3 ★★☆ গুরুত্বপূর্ণ — 25 24 23 22 — 3×

What is meant by greenhouse effect? Write the reasons for the greenhouse effect. Illustrate with a sketch how global warming occurs due to the greenhouse effect.

2025: illustrate with a sketch; 2023: define and illustrate; 2022: define and write the reasons

Greenhouse effect · নম্বর: 3

2025 A6 · 3m · 2023 A6 · 3m · 2022 A5 · 3m

PG4 ★☆☆ মাঝারি — 25 24 23 22 — 2×

Give an outline of the ozone hole. Write the consequences of ozone layer depletion.

Ozone layer · নম্বর: 3 · 2025 A7 · 3m · 2023 A7 · 3m

PG5 ★☆☆ মাঝারি — 25 24 23 22 — 2×

"Oxides of carbon and nitrogen are the major air pollutants" - Justify. Discuss the sources and effects of carbon dioxide and carbon monoxide with examples.

2025: oxides of carbon and nitrogen, justify; 2023: sources and effects of CO2 and CO

Air pollutants · নম্বর: 3 · 2025 B2 · 3m · 2023 B2 · 3m

PG6 ★☆☆ মাঝারি — 25 24 23 22 — 2×

What are the forms of acid deposition? Summarize the effect of acid rain on ecosystems.

Acid rain · নম্বর: 3 · 2025 B4 · 3m · 2023 B4 · 3m

Mahfuz R. Shanto

PG7 ★★☆ গুরুত্বপূর্ণ

25 24 23 22 3×

Briefly discuss the major layers of the atmosphere and delineate their respective altitudes.

2023: classify atmospheric layers; 2025: asked with "What is atmosphere?"

Atmosphere নম্বর: 3

2025 B5 · 3m **2023** A4 · 3m **2022** A3 · 3m

PG8 ★☆☆ মাঝারি

25 24 23 22 2×

What is atmosphere? Mention the composition of atmospheric gases.

2025: asked together with the major layers

Atmosphere নম্বর: 3

2025 B5 · 3m **2022** A2 · 3m

PG9 ☆☆☆

25 24 23 22 1×

Graphically show the top five countries contributing to global CO2 emissions. Discuss the consequences of the greenhouse effect.

Greenhouse effect নম্বর: 3

2024 B2 · 3m

PG10 ☆☆☆

25 24 23 22 1×

What is meant by "ozone, ozone layer and ozone hole"? Why is the ozone hole prominent over the Antarctic region?

Ozone layer নম্বর: 3 **2024** B4 · 3m

PG11 ☆☆☆

25 24 23 22 1×

Write the causes and effects of sulfur compounds on the environment.

Air pollutants নম্বর: 3

2022 B5 · 3m

PG12 ☆☆☆

25 24 23 22 1×

What is meant by ozone layer depletion? Explain the causes of ozone layer depletion.

Ozone layer নম্বর: 3 **2022** B7 · 3m

Mahfuz R. Shanto

✎ Last-Night Revision · শেষ রাতের রিভিশন (পড়া শেষ হলে বক্সে টিক দাও)

☐ **Environment and Environmental Pollution** 21× asked **EN1 · EN5 · EN6 · EN2 · EN7 · EN3 · EN4 · EN10 · EN8 · EN9**

Environment = abiotic + biotic + energy; edaphic = soil factors. Ecosystem vs ecology. Issues of Bangladesh: arsenic, flood, salinity, air and water pollution. Pollutant types: primary/secondary, biodegradable/non. Water pollution: sources, remedies, DO, BOD, pH 6.5–8.5. Agroforestry protects soil, water, biodiversity.

☐ **Weather and Climate** 13× asked **WC2 · WC5 · WC4 · WC1 · WC8 · WC3 · WC6 · WC7**

Weather = short time; climate = 30+ years average. Bangladesh: sub-tropical monsoon, rain 2000–2500 mm, 80% in monsoon. Adaptation vs mitigation vs resilience. CSA 3 pillars: productivity, adaptation, mitigation. AWD, salt and flood tolerant varieties.

☐ **Pollution, Greenhouse Effect and Atmosphere** 25× asked **PG1 · PG3 · PG2 · PG9 · PG7 · PG8 · PG4 · PG12 · PG10 · PG5 · PG11 · PG6**

Layers: Tropo 0–12, Strato 12–50 (ozone), Meso 50–80, Thermo 80–500, Exo 500+ km. N2 78%, O2 21%. Greenhouse gases: CO2, CH4, N2O, CFC. Ozone: CFC, Montreal Protocol 1987. Acid rain pH below 5.6: wet and dry. Gas fuel cleanest, coal dirtiest.

More notes and updates

Scan the QR code or tap the link in the footer to visit **https://agri-elite-arena.netlify.app**

Best of luck for the exam!

- Mahfuz