

8

Pollution-Free Pakistan with Greenery All Around



Learning Outcomes

By the end of this unit, the students will be able to:

- engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners.
- give an informed personal and analytical response to descriptive, informative texts and poetry.
- reading to analyse descriptive/argumentative/persuasive essays.
- reading to analyse application/letter/report/summary/biography.
- cite strong and thorough textual evidence to support analysis of what the text says explicitly as well as give inferences drawn from the text.
- produce legible work that shows the correct spelling of the conventions of punctuation and capitalization.
- use all types of tenses correctly in speech and writing.
- write arguments to support claims in an analysis of substantive topics or texts, using valid reasoning and relevant and sufficient evidence.
- introduce precise, knowledgeable claim(s), establish the significance of the claim(s), distinguish the claim(s) from alternate or opposing claims, and create an organization that logically sequences claim(s), counter claims, reasons, and evidence.
- develop claim(s) and counterclaims fairly and thoroughly, supplying the most relevant evidence for each while pointing out the strengths and limitations of both in a manner that anticipates the audience's knowledge level, concerns, values, and possible biases.
- use words, phrases, and clauses as well as varied syntax to link the major sections of the text, create cohesion, and clarify the relationships between claim(s) and reasons, between reasons and evidence, and between claim(s) and counter claims.



Pre-reading

- In what ways do you think human actions are affecting the environment today?
- Why do you think environmental issues are considered both a global and personal responsibility?

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1. A clean, green, and pollution-free Pakistan is not just a dream; rather, it is a **necessity** for the survival and well-being of the people and the environment. In recent years, pollution has become one of the most serious challenges facing our country. However, if we take the right steps, raise awareness, and act collectively, we can move towards a Pakistan that is full of greenery and free from pollution. Let us try to explore the causes of pollution, the importance of greenery, and the steps we can take to build a healthy and **sustainable** environment.
 2. To begin with, it is important to understand what pollution actually is. Pollution refers to the presence of harmful substances in our environment, which damage the air, water, and land. For instance, the smoke from vehicles and factories pollutes the air and makes it dangerous to breathe. Moreover, plastic waste and chemicals dumped in rivers pollute the water. In addition, the cutting of trees and **deforestation** increase land pollution and reduce greenery. As a result, many people, especially children and the elders, suffer from diseases such as asthma, skin infections, and even heart problems.

What is pollution, and how does it affect air, water, and land?
 3. Furthermore, it must be noted that Pakistan's rapid **urbanization** and industrial growth have also contributed to the rise in pollution. While development is necessary, it must go hand in hand with environmental protection. Unfortunately, many factories do not follow proper waste management rules. Not only does this pollute the surroundings, but it also causes long-term damage to soil and water bodies. At the same time, the increasing number of vehicles on the roads adds more harmful gases to the atmosphere. In view of these facts, it becomes clear that **immediate** action is required.
 4. On the other hand, greenery plays a vital role in reducing pollution and improving the quality of life. Trees absorb carbon dioxide and release oxygen, which is essential for human survival. Besides, they also trap dust, reduce heat, and support **biodiversity**. For example, parks and green belts in cities not only beautify the surroundings but also serve as peaceful

places for people to relax and exercise. Therefore, planting more trees and protecting forests is one of the most effective ways to fight pollution.



5. Moreover, creating awareness among the public is equally important. People need to understand that their daily choices can either harm or help the environment. For instance, burning **garbage** or using plastic bags might seem easy, but these actions pollute the air and water. Instead, people should be encouraged to recycle, reuse, and reduce waste. Additionally, schools and colleges can play a strong role by teaching students about environmental protection and involving them in tree plantation and clean-up campaigns. Through these efforts, students become more **responsible** citizens who care for their surroundings.

How can public awareness and education help protect the environment?

6. In addition, strong environmental policies and effective planning are crucial in this regard. It is important to strictly enforce environmental laws and hold polluters accountable. At the same time, promoting the use of **renewable** energy sources such as solar and wind power can help reduce environmental damage. Likewise, improving public transport systems can encourage people to rely less on private vehicles, which release harmful gases into the air. By implementing these measures, national efforts can move forward toward building a cleaner and healthier Pakistan.
7. Another important feature is the role of communities and families. Every household can contribute by keeping their surroundings clean, using eco-friendly products, and planting trees. Community-level activities such as "Green Day" or "Clean Street Campaigns" can unite people for a

good cause. Furthermore, local organizations can use their platforms to **promote** green living and discourage harmful habits. When communities work together, great results can be achieved.

8. Along with this, technology can also help us reduce pollution. Modern methods of farming, for instance, use less water and reduce chemical use. Mobile apps can be used to report **illegal** dumping or tree cutting. Likewise, smart waste management systems can help cities handle garbage in a clean and efficient way. These advancements, if used wisely, can make a big difference.
9. Equally important is the role of media in spreading positive messages. Television, newspapers, and social media can highlight success stories and educate people about the importance of a pollution-free environment. For example, documentaries showing the effects of pollution on health and climate can motivate people to act. In contrast, if the media only focuses on problems and **ignores** solutions, the public may feel helpless. Therefore, media must be used as a tool for awareness and change.
10. As we look around, we can observe some examples of progress. In the capital city, Islamabad, tree plantation drives have increased green areas. Some schools have started rooftop gardens, while youth groups have organized clean-up drives in parks and riversides. These examples **prove** that change is possible if we all work together.
11. In conclusion, a pollution-free Pakistan with greenery all around is not beyond our reach. Although the challenges are great, the solutions are within our hands. By planting trees, reducing waste, following environmental rules, and educating others, we can make our environment **healthier** and safer. Above all, we must remember that every small action does count. Whether it is turning off extra lights, picking up litter, or planting a sapling, each step brings us closer to our goal. Let's take this responsibility seriously and work together for a better, greener, and cleaner Pakistan, not just for ourselves, but for future generations as well.

How can media help create awareness about a pollution-free environment?





Theme

The essay highlights the urgent need for a pollution-free Pakistan enriched with greenery. It emphasizes how pollution affects human health, the environment, and overall quality of life. Planting trees, reducing waste, and using eco-friendly alternatives are presented as key solutions. The essay also stresses the importance of individual, community, and national efforts in creating a cleaner and greener future. Overall, it promotes environmental responsibility and collective action for a sustainable Pakistan.



Glossary

Words	Meanings
biodiversity	the variety of different plants, animals, and other living things in a place
deforestation	the cutting down or removal of many trees from an area, usually leading to damage to the environment
garbage	waste or unwanted things that people throw away, like food wrappers, plastic, and broken items
healthier	in better physical or mental condition; something that is good for your body and mind
ignores	to pay no attention to something or act like it doesn't exist
illegal	not allowed by law; against the rules set by a country
immediate	happening right away or without any delay
necessity	something that is needed or very important to have
promote	to help something grow, spread, or become more popular or well known
prove	to show that something is true by using facts or evidence
renewable	something that can be used again and again without running out, like solar or wind energy
responsible	being careful and making good decisions; doing what is right and expected
sustainable	something that can last a long time without harming the environment or using up all the resources
urbanization	the growth of cities as more people move from villages or rural areas to live in urban (city) places





Reading and Critical Thinking

A Answer the following questions:

- 1 What are the main causes of pollution in Pakistan, and how do they affect human health and the environment?
- 2 How does greenery help reduce pollution and improve the quality of life in cities?
- 3 Explain how public awareness and education in schools can play a role in building a cleaner and greener Pakistan.
- 4 What actions can individuals and families take in their daily lives to contribute to a pollution-free environment?
- 5 Why is it important to improve public transport systems, and how does this help reduce air pollution?
- 6 What are some examples from the essay that show successful environmental efforts already happening in Pakistan?
- 7 How can communities come together to protect the environment, and what are some activities they can organize?
- 8 What role does the use of renewable energy sources like solar and wind play in reducing pollution?
- 9 Summarize the main message of the essay in your own words and explain why it is important for the future generations.

B Choose the correct option.

- 1 What is the main cause of air pollution in cities?
 - a. tree cutting
 - b. vehicle smoke
 - c. river flooding
 - d. filthy parks
- 2 What do trees release that benefits humans?
 - a. food
 - b. mineral oil
 - c. fresh oxygen
 - d. scent

- 3 What can reduce the use of private cars?
- a. plastic recycling b. road repairs
 - c. public transport d. factory closure
- 4 What helps reduce plastic waste at home?
- a. cloth bags b. plastic burning
 - c. oil burning d. tin utensils
- 5 Which energy sources are safer for the environment?
- a. coal fire b. wind solar
 - c. petrol diesel d. smoke engines
- 6 How can schools raise environmental awareness?
- a. seminars b. tree campaigns
 - c. group discussion d. posters
- 7 What do communities need for clean surroundings?
- a. mutual efforts b. water tanks
 - c. plantation d. awareness
- 8 What can media do to support the environment?
- a. spread fear b. raise public opinion
 - c. talk shows d. share solutions

Give an informed personal and analytical response to descriptive, informative texts and poetry means expressing your own thoughts and opinions about what you read, while also showing a deeper understanding of the text. This includes explaining the meaning, how the language creates effects, and why the writer made certain choices. Your response should be backed up with evidence from the text.

C Think about text of this unit, you've recently read. What message did the writer want to share, and how did they use language to make you feel or think a certain way? Do you personally agree or relate to the message? Why or why not?

Reading to analyse descriptive, argumentative, or persuasive essays means closely examining how a writer presents ideas, supports their points, and uses language to influence or inform the reader. It involves looking at

things like structure, word choice, tone, evidence, and techniques like rhetorical questions or emotional appeals.

Example: In an argumentative essay about banning plastic bags, the writer uses facts about ocean pollution, a serious tone, and examples from other countries that have made changes.

A student might respond: "The writer uses statistics like '*8 million tons of plastic enter the ocean each year*' to make the reader feel concerned. This is persuasive because it's shocking and makes people think something must be done."

D When reading an argumentative or persuasive essay, what techniques does the writer use to make their point clear and convincing? Can you give an example from the text, and explain how it affects the reader?

Reading to analyse application letters, reports, summaries, or biographies means understanding the purpose, structure, tone, and key features of these texts. It also involves thinking about how effectively the writer communicates their message and the impact it has on the reader.

- **Applications** often aim to persuade e.g. for a job or scholarship.
- **Reports** are factual and objective, often presenting findings or results.
- **Summaries** condense key points of a longer text.
- **Biographies** tell the story of a real person's life, often to inspire or inform.

Example: In a report on school recycling, the writer uses subheadings, statistics, and clear recommendations. A student might say: "The report is well-organized with headings like '*Current Practices*' and '*Suggestions for Improvement*'. It uses data to support the points, which makes it more credible."

E Choose one type of text e.g., a biography or report on your own. How does the writer structure the information, and what techniques do they use to make their message clear and effective? Give an example from the text.

To cite strong and thorough textual evidence means to use clear and specific quotes or details from a text to support your understanding. This includes:

- **What the text says explicitly** – information that is clearly stated.
- **What can be inferred** – conclusions or ideas that are not directly stated but can be figured out based on clues in the text.

Your analysis should show that you've understood both the literal meaning and deeper messages in the text, and your evidence should directly support your ideas.

Example: Text: *"She sat silently in the corner, her hands trembling as she stared at the broken frame."* Student response may be: "The writer says 'her hands trembling' and 'sat silently in the corner,' which shows she is scared or shocked. Even though it doesn't say she's crying, we can infer that she's upset based on her actions."

F Read a short passage of your own choice. What is one thing the writer states clearly, and what is one thing you can infer from the text? What evidence, words or phrases, helped you come to your conclusion?



Vocabulary and Grammar

To produce legible work that shows the correct spelling of the conventions of punctuation and capitalization means to write clearly and neatly so that others can read it easily, while also using correct spelling, punctuation like full stops, commas, question marks, and capital letters e.g., at the start of sentences or for proper nouns.

Example:

Incorrect: i went to london last summer. it was amazing

Correct: I went to London last summer. It was amazing.

The correct version is legible and uses proper spelling, punctuation, and capitalization.

A

Rewrite the following sentence using correct spelling, punctuation, and capitalization:

"my friend alex lives in toronto he likes to read books about history"

For the teacher

- Help the students identify the author's purpose and audience, then examine how language, structure, and details are used to achieve that purpose.



Oral Communication Skills

Engage effectively in a range of collaborative discussions means to actively and respectfully take part in conversations with others, whether it's one-on-one, in small groups, or in class discussions, by listening carefully, sharing ideas clearly, asking and answering questions, and building on what others say. It also means working well with people who may have different backgrounds or opinions.

Example: During a group project on climate change, Sarah listens to her classmates' ideas, adds her own thoughts about renewable energy, asks questions when she doesn't understand, and helps the group stay on topic. She works respectfully with her peers, even when they have different opinions.

A

Think about a recent group discussion you had in class. What did you do to contribute effectively to the conversation? Could you have done anything differently to improve your participation?

Now, go through the Dialogue given below:

Teacher: Today we're discussing the impact of social media on communication. Saima, would you like to start?

Saima: Sure! I think social media helps people stay connected, especially with friends and family who live far away.

Jamal: I agree with Saima, and I'd add that it also helps spread news quickly. But sometimes the information isn't always reliable.

Sofia: That's a good point, Jamal. Maybe we should talk about how we can tell if a source is trustworthy.

Saima: Yeah, like checking who posted it and whether other sources say the same thing.

Teacher: Excellent discussion! You're building on each other's ideas and asking thoughtful questions. Let's keep going. Who else wants to share?

B

On this pattern, conduct a dialogue discussion among the class that how can individuals and communities work together to reduce pollution and protect the environment?

C

What did each student in the conversation do to help the discussion go well? How could you use one of those strategies in your next group discussion?



Writing Skills

Read the following information carefully:

Write arguments to support claims in an analysis of substantive topics or texts, using valid reasoning and relevant and sufficient evidence: This means writing clearly about your opinion or idea (a claim) on an important topic or text and backing it up with strong reasons and solid evidence. Your reasons should make sense (valid reasoning), and your evidence should actually support your point and be enough to convince your reader.

Example:

Claim: Social media has negatively affected how teenagers communicate in real life.

Reasoning: Teens spend so much time online that they are losing confidence in face-to-face conversations.

Evidence: A 2023 study from the *Journal of Teen Communication* showed that 62% of teens said they feel nervous when talking to someone in person, especially if they don't know them well.

Argument Paragraph Sample: social media has negatively impacted how teenagers communicate in real life. One reason is that many teens spend so much time online that they are losing confidence in face-to-face conversations. A 2023 study from the *Journal of Teen Communication* showed that 62% of teens said they feel nervous when talking to someone in person, especially if they don't know them well. This shows that the constant use of online platforms may be harming real-life social skills.

A

Now, answer the following questions:

- 1 What is a claim in an argumentative text?
- 2 What makes reasoning valid? Give an example.
- 3 How can you tell if evidence is relevant and sufficient?
- 4 Why is it important to support your claim with more than one piece of evidence?
- 5 Look at the example argument. What is the claim? What is the reasoning? What is the evidence?

For the teacher

- Help the students make a clear claim, then support it with logical reasons and strong evidence directly connected to your point.