

# **Text Evidence Worksheet Questions and Answers PDF**

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## Part 1: Building a Foundation

#### What is the primary cause of rising global temperatures?

Hint: Consider the main contributors to climate change.

- O Deforestation
- Increased volcanic activity
- $\bigcirc$  Greenhouse gas emissions  $\checkmark$
- Solar flares
- The primary cause of rising global temperatures is greenhouse gas emissions.

#### Which of the following are effects of air pollution? (Select all that apply)

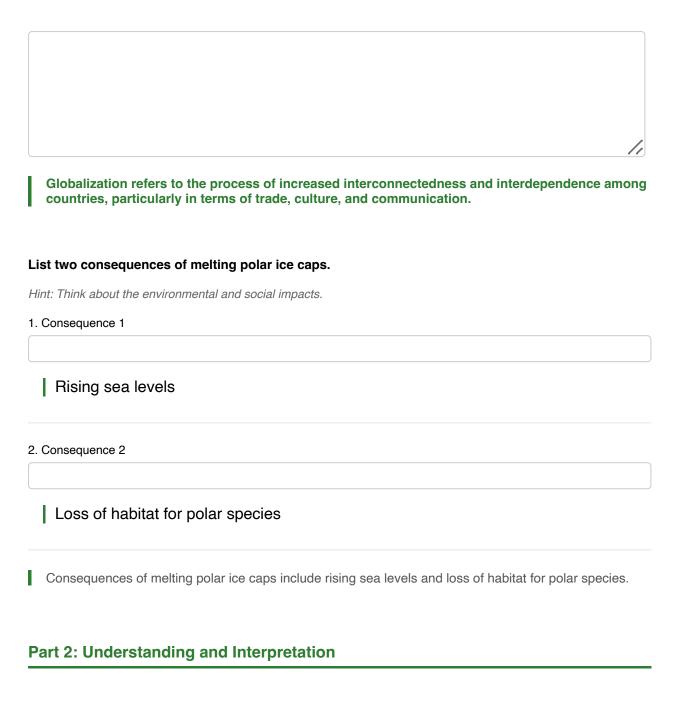
Hint: Think about the health and environmental impacts of air pollution.

- Improved respiratory health
- ☐ Increased respiratory health issues ✓
- Enhanced visibility
- □ Environmental degradation ✓
- Air pollution can lead to increased respiratory health issues and environmental degradation.

#### Define globalization in your own words.

Hint: Consider the interconnectedness of economies and cultures.





#### How does globalization contribute to cultural exchange?

Hint: Think about the effects of trade and communication.

- O By isolating communities
- $\bigcirc$  Through international trade and communication  $\checkmark$
- By reducing travel opportunities
- Through increased tariffs



Globalization contributes to cultural exchange through international trade and communication.

# Which of the following statements accurately describe the impact of technological advancements on manufacturing? (Select all that apply)

Hint: Consider how technology changes production processes.

Decreased efficiency

□ Increased automation ✓

□ Reduced production costs ✓

Limited product variety

Technological advancements in manufacturing lead to increased automation and reduced production costs.

#### Explain how plastic waste affects marine life.

Hint: Think about the various ways plastic can impact ocean ecosystems.

Plastic waste affects marine life by causing ingestion and entanglement, leading to injury or death for many species.

### Part 3: Applying Knowledge

#### Which action can individuals take to reduce their carbon footprint?

Hint: Consider daily habits that impact carbon emissions.

Increase use of single-use plastics

 $\bigcirc$  Use public transportation  $\checkmark$ 

○ Increase meat consumption

C Leave lights on when not in use



Using public transportation is an effective action individuals can take to reduce their carbon footprint.

#### In what ways can businesses contribute to reducing pollution? (Select all that apply)

Hint: Think about corporate practices that can minimize environmental impact.

☐ Implementating recycling programs ✓

Increasing energy consumption

☐ Using renewable energy sources ✓

Disposing of waste in landfills

Businesses can reduce pollution by implementing recycling programs and using renewable energy sources.

#### Describe a real-world scenario where technological advancements have improved communication.

Hint: Think about specific technologies that have changed how we connect.

Technological advancements such as smartphones and the internet have significantly improved communication by enabling instant connectivity.

### Part 4: Analyzing Relationships

#### What is a potential negative impact of globalization on local cultures?

Hint: Consider how globalization can affect cultural diversity.

- O Preservation of traditional practices
- Cultural homogenization ✓
- Increased cultural diversity
- Strengthening of local languages



A potential negative impact of globalization on local cultures is cultural homogenization.

# Analyze the relationship between climate change and biodiversity loss. Which of the following are true? (Select all that apply)

Hint: Think about how climate change affects ecosystems and species.

Climate change creates new habitats for all species

□ Some species may become extinct due to changing climates ✓

☐ Biological diversity loss can exacerbate climate change ✓

All species can easily adapt to new climate conditions

Climate change can lead to species extinction and biodiversity loss can exacerbate climate change.

#### Discuss how economic development can lead to environmental degradation.

Hint: Consider the trade-offs between development and environmental health.

Economic development can lead to environmental degradation through increased resource extraction and pollution.

## Part 5: Synthesis and Reflection

#### Which policy would be most effective in reducing global carbon emissions?

Hint: Think about policies that incentivize reduction in emissions.

- Subsidizing fossil fuels
- $\bigcirc$  Implementating carbon taxes  $\checkmark$
- Encouraging deforestation
- Reducing renewable energy investments



Implementating carbon taxes would be the most effective policy in reducing global carbon emissions.

# Evaluate the effectiveness of the following strategies in promoting sustainable development. (Select all that apply)

Hint: Consider strategies that support long-term environmental health.

- $\Box$  Investing in renewable energy  $\checkmark$
- Promoting single-use plastics
- □ Enhancing public transportation ✓
- □ Encouraging waste reduction ✓

Investments in renewable energy, enhancing public transportation, and encouraging waste reduction are effective strategies for promoting sustainable development.

#### Propose a solution to address the issue of plastic waste in oceans and justify your approach.

Hint: Think about innovative solutions and their potential impact.

A solution to address plastic waste in oceans could involve implementing comprehensive recycling programs and public awareness campaigns to reduce plastic use.