

College of Arts and Sciences, and Education

WRTTEN WORK ACTIVITY IN SCIENCEHNOLOGY AND BEDYCABOUT CLIMATE CHANGE 1ST SEMESTER A.Y. 202025

General Instructions: Read and understand each question designed to help you reflect on important

ideas of the chapters we have discussed. Choos	se the best answer.
1-2. A city experiences a rise in respiratory ill scenario demonstrates the connection betwe	
A.Environment and health only.	C. Society, environment, and health.
B. Society and environment only.	D. None of the above.
3-4. Deforestation in the Amazon rainforest di example of how: A. Climate change impactions impact health.	
B. Environmental changes impact society.	D. Health concerns drive environmental changes.
5-6. Rising sea levels threaten coastal common hardship. This situation highlights the: A. Economic impact of climate change on B. Geopolitical impact of climate change of only.	ly. C. Interconnectedness of all three objectives.
action reflects an understanding of the link b	
A.Society and the environment. B.Environment and the economy.	C. Economy and health. D. Health and geopolitics.
B.Environment and the economy.	D. Health and geopolitics.
9-10. Developing countries with limited resour impacts. This situation raises concerns about A. Economic disparity only. B. Geopolitical instability only. instability.	
11-12. The primary contributor to global warm A.water vapor. B.oxygen. D. nitrogen.	arbon dioxide.
 13-14. Deforestation contributes to climate che A. Release harmful toxins into the air. surface. B. Absorb and store carbon dioxide. 	nange because trees: C. Block sunlight from reaching the Earth's D. Deplete the ozone layer.
15-16. The burning of fossil fuels like coal and A.Decrease Earth's overall temperature. B. Trap heat in the atmosphere.	d oil releases greenhouse gases, which: C. Have no significant impact on climate. D. Create holes in the ozone layer.
17-18. Industrial agriculture practices, such a change by releasing:	s intensive use of fertilizers, contribute to climate
	Sulfur dioxide.
B. Carbon monoxide. D. C	Chlorofluorocarbons (CFCs).
19-20. Which of the following is NOT a signification of the following is NOT as ignificance?	cant human activity contributing to climate

21-22. Rising sea levels due to climate change threaten coastal communities by:

B.Increased use of renewable energy sources

C. Reliance on fossil fuels

D. Industrial agriculture practices

A.Deforestation

A.Increasing tourism opportom B.Inundating low-lying areas		Creating more fertile land for agriculture. D. Reducing the risk of coastal erosion.
23-24. More extreme weather ever consequences of climate change	•	s and droughts, are expected
This can negatively impact: A.Food security only.	C. Energy produc	· · · · · · · · · · · · · · · · · · ·
B.Water availability only.	D. All of the abov	е.
A. Biodiversity only.	C. Public health o	•
B.The tourism industry only.	D.	None of the above.
27-28. Melting glaciers and polar A.Air travel routes.	-	e to rising sea levels and also disrupt: Inication networks.
B.Ocean currents.		ansportation infrastructure.
29-30. Climate change can lead to	mass displaceme	ent of people due to rising sea levels,
A. Economic hardship only.	•	is raises concerns about: Both economic hardship and geopolitical
instability. B.Geopolitical instability only geopolitical instability.	<i>/</i> .	D. Neither economic hardship nor
31-32. A community garden proje while promoting social interaction		neighborhood provides fresh, healthy food
A.Environmental benefits of health.		
B.Societal benefits of enviro advancements.	nmental initiatives.	D. Health benefits of technological
33-34. Increased use of public tra congestion. This demonstrates t		ty can reduce air pollution and traffic
A. Positive impact of societal change health outcomes.		ent. C. Economic benefits of improved
B. Negative impact of environmenta technological advancements.	l degradation on so	ciety. D. Health risks associated with
	: A. Technological	to clean up environmental pollutants, solutions to environmental problems. C.
B. Economic benefits of environi associated with societal changes.	•	D. Health risks
	=	esal may increase production costs for ead to a cleaner environment. This scenario

A. Trade-off between economic growth and environmental protection.
C. Geopolitical implications of

D. Societal costs of technological

B. Health benefits associated with economic development.

resource scarcity.

advancements.



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2526 Changes in global climate patterns can disrupt the migration patterns of animals, impacting

39-40. Public health campaigns promoting healthy eating habits can c	ontribute to reducing
greenhouse gas emissions from the livestock industry. This exemplifi	ies the:

A. Interconnectedness of societal choices, environment, and health.	C. Geopolitical im	plications
of climate change.		

B. Economic benefits of environmental regulations. D. Health risks associated with technological advancements

41-42. Certain industrial processes, such as cement production, release large amounts of carbon dioxide into the atmosphere. This is an example of a:

- A. Direct human cause of climate change. C. Positive feedback loop accelerating climate change.
- B. Natural variation in the Earth's climate cycle. D. Technological solution for mitigating climate change.

43-44. Methane, a potent greenhouse gas, is released from various sources. Which of the following is NOT a significant source of methane emissions?

- C. Natural gas leaks from pipelines A. Decomposition in landfills
- B. Rice cultivation D. Livestock manure

45-46. Certain human activities contribute to deforestation, which in turn reduces the Earth's ability to absorb carbon dioxide. This is an example of a:

- A. Direct human cause of climate change. C. Positive feedback loop accelerating climate
- B. Natural variation in the Earth's climate cycle. D. Technological solution for mitigating climate change.

47-48. While the sun's activity can influence Earth's climate, the current rate of climate change is primarily driven by:

- A. Natural variations in solar activity. impacts.
- B. Increased human activities. the sun.

- C. Volcanic eruptions and asteroid
 - D. Changes in Earth's orbit around

49-50. Ocean acidification, caused by increased absorption of carbon dioxide from the atmosphere, can harm marine life such as coral reefs. This is an example of the:

- A. Economic impact of climate change. change.
- B. Geopolitical impact of climate change. change
- D. Meteorological impact of climate

C. Biological impact of climate