

## Heat Stroke: Vulnerable Workers and climate change

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**1** What is a significant impact of rising temperatures on delivery workers in Paraguay?

- (A) Increased rainfall making roads slippery.
  - (B) Improved working conditions due to better infrastructure.
  - (C) Increased risk of heat-related illnesses.
  - (D) Easier delivery routes due to less traffic.
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**2** Which scientific expert contributed to studying the effects of heat on workers in Paraguay?

- (A) América Futura
  - (B) Andreas Flouris
  - (C) El Surti
  - (D) Pulitzer Center
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3 Why did El Surti collaborate with other organizations for their study on climate change impacts in Pa

- A To obtain comprehensive data and diverse insights.
  - B To expand their delivery service network.
  - C To increase their online readership.
  - D To reduce the cost of publishing reports.
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4 A significant impact of increasing temperatures on delivery workers in Greater Asunción is the incre: related illnesses.

- A True
  - B False
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5 The study conducted by El Surti showed that climate change does not affect the frequency of heat w

- A True
  - B False
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6 The collaboration between El Surti, América Futura, and the Pulitzer Center involved measuring the | temperatures of delivery workers during their work shifts.

- A True
  - B False
-

7

What is a potential risk for delivery workers in Greater Asunción during a heat wave?

- A Heat-related illnesses like heat stroke.
  - B Increased traffic congestion.
  - C Dehydration due to excessive sweating.
  - D Better working conditions.
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8

How does the work environment for delivery workers change during extreme heat according to studies?

- A Increased risk of heat exhaustion.
  - B Need for more frequent breaks.
  - C Improved air quality.
  - D Reduced work hours.
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9

What methods can be used to study the impact of high temperatures on delivery workers?

- A Monitoring body temperature using wearable devices.
  - B Surveying customer satisfaction.
  - C Comparing delivery speeds.
  - D Collaborating with scientific experts for experiments.
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10

During the 2022 heat wave in Paraguay, temperatures soared above what temperature in the shade, making del

1

and more

2

?

11

In the study conducted by El Surti and collaborators, how did the climate crisis relate to the increased frequency

1

in Paraguay over the last

2

years?

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12

What scientific tool did the volunteering delivery workers use to monitor their core body temperature during the

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on their

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13

Explain how climate change can impact ecosystems and biodiversity.

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14

Discuss how human activities contribute to the increase in greenhouse gases.

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15

Describe the role of photosynthesis in the carbon cycle and its importance in regulating Earth's climate.

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## Answer Key of Heat Stroke: Vulnerable Workers and climate change

1. C
2. B
3. A
4. A
5. B
6. A
7. A, C
8. A, B
9. A, D
10. 1. 106.7°F  
;  
2. harder
11. 1. heat waves  
;  
2. 40
12. 1. monitor  
;  
2. torso
13. Constructed Response Item
14. Constructed Response Item
15. Constructed Response Item

