

Anthropocene: The Human Epoch

1. How old is the Earth?
 - A. 4.5 thousand years old
 - B. 2.7 million years old
 - C. 2.7 billion years old
 - D. 4.5 billion years old
2. The 105 tons of ivory comes from about _____ elephants.
 - A. 100
 - B. 1,000
 - C. 10,000
 - D. 10,000
3. What resource is produced at the Siberian factory?
 - A. Metal
 - B. Plastic
 - C. Glass
 - D. Semiconductors
4. Humans move more sediments than all of the _____ of the world combined.
 - A. Animals
 - B. Vehicles
 - C. Oceans
 - D. Rivers
5. What rock is mined in Carrara, Italy?
 - A. Marble
 - B. Granite
 - C. Slate
 - D. Limestone
6. What is being produced in the Atacama Desert, Chile?
 - A. Sand
 - B. Salt
 - C. Lithium
 - D. Raisins
7. What is the cause of the recent increase in demand for lithium?
 - A. Smoke detectors
 - B. Electric vehicle batteries
 - C. Televisions
 - D. Airplane manufacturing
8. How much do the huge coal excavators weigh in Immerath, Germany?
 - A. 1,000 pounds
 - B. 1,000 tons
 - C. 12,000 pounds
 - D. 12,000 tons
9. Why were 4 towns destroyed near the Hambach coal mine?
 - A. To make room for the mine's expansion.
 - B. There was a major earthquake.
 - C. It was unsafe to live there due to pollution.
 - D. A volcanic eruption covered the towns with ash.
10. Forests absorb _____ of anthropogenic (from humans) carbon emissions.
 - A. 10%
 - B. 30%
 - C. 50%
 - D. 70%
11. What percent of old-growth forest remains on Vancouver Island?
 - A. Less than 10%
 - B. 20%
 - C. 50%
 - D. More than 70%
12. What percent of Earth's forests have been cleared, fragmented, or degraded for human use.
 - A. 25%
 - B. 45%
 - C. 65%
 - D. 85%
13. How many people is the Redeemed Christian Church of God designed to hold?
 - A. 50 thousand
 - B. 100 thousand
 - C. 1 million
 - D. 10 million

14. The world's population could reach _____ by 2050.
- A. 1 billion
 - B. 10 billion
 - C. 12 billion
 - D. 15 billion
15. What are the "miners" searching for in the Kenyan landfill?
- A. Gold
 - B. Electronics
 - C. Plastic bottles
 - D. Aluminum cans
16. The "technosphere," the combination of all human-made or altered material, is estimated to be _____ tons.
- A. 30 trillion
 - B. 40 trillion
 - C. 50 trillion
 - D. 60 trillion
17. What is being used in London as a space for growing crops?
- A. Greenhouse
 - B. Cave
 - C. Abandoned apartment building
 - D. World War 2 air raid shelter
18. Where is the huge oil refinery complex located?
- A. Anchorage, Alaska
 - B. Houston Texas
 - C. Saudi Arabia
 - D. Nigeria
19. Carbon dioxide levels in the atmosphere are higher than any time in the last _____ years.
- A. 12 thousand
 - B. 8 million
 - C. 66 million
 - D. 120 million
20. How long is the Gudong Seawall in China?
- A. 80 km
 - B. 120 km
 - C. 180 km
 - D. 240 km
21. What happens to the streets and shops of Venice, Italy?
- A. They get flooded.
 - B. There are frequent fires.
 - C. They get damaged by earthquakes.
 - D. They get covered with garbage.
22. What happens to the coral in the high-speed video?
- A. It slowly moves to another area.
 - B. It grows.
 - C. It gets eaten by fish.
 - D. It turns white.
23. What has caused this widespread bleaching?
- A. Chemicals dumped in the ocean.
 - B. Ocean warming and acidification.
 - C. Increased ultraviolet radiation.
 - D. Parasites.
24. The scimitar-horned oryx is _____
- A. extinct in the wild.
 - B. an invasive species.
 - C. a predator.
 - D. prone to ear infections.
25. Extinction rates are up to _____ times higher than natural rates.
- A. 10
 - B. 100
 - C. 1,000
 - D. 10,000
26. What do the artists carve in the ivory workshop?
- A. Mahogany
 - B. Soapstone
 - C. Mammoth tusks
 - D. Whale bones
27. What do they do to the elephant tusks to prevent them from being sold on the black market?
- A. Burn them
 - B. Sell them to legal dealers
 - C. Return them to the elephants
 - D. Donate them to museums

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 - A. 4.5 thousand years old
 - B. 2.7 million years old
 - C. 2.7 billion years old
 - D. 4.5 billion years old**

2. The 105 tons of ivory comes from about _____ elephants. **3:45**
 - A. 100
 - B. 1,000
 - C. 10,000**
 - D. 10,000

3. What resource is produced at the Siberian factory? **10:00**
 - A. Metal**
 - B. Plastic
 - C. Glass
 - D. Semiconductors

4. Humans move more sediments than all of the _____ of the world combined. **12:45**
 - A. Animals
 - B. Vehicles
 - C. Oceans
 - D. Rivers**

5. What rock is mined in Carrara, Italy? **14:30**
 - A. Marble**
 - B. Granite
 - C. Slate
 - D. Limestone

6. What is being produced in the Atacama Desert, Chile? **18:05**
 - A. Sand
 - B. Salt
 - C. Lithium**
 - D. Raisins

7. What is the cause of the recent increase in demand for lithium? **18:33**
 - A. Smoke detectors
 - B. Electric vehicle batteries**
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8. How much do the huge coal excavators weigh in Immerath, Germany? **25:20**
 - A. 1,000 pounds
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9. Why were 4 towns destroyed near the Hambach coal mine? **28:45**
 - A. To make room for the mine's expansion.**
 - B. There was a major earthquake.
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 - D. A volcanic eruption covered the towns with ash.

10. Forests absorb _____ of anthropogenic (from humans) carbon emissions. **31:30**
 - A. 10%
 - B. 30%**
 - C. 50%
 - D. 70%

11. What percent of old-growth forest remains on Vancouver Island? **31:45**
 - A. Less than 10%**
 - B. 20%
 - C. 50%
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12. What percent of Earth's forests have been cleared, fragmented, or degraded for human use. **32:10**
 - A. 25%
 - B. 45%
 - C. 65%
 - D. 85%**

13. How many people is the Redeemed Christian Church of God designed to hold? **35:05**
 - A. 50 thousand
 - B. 100 thousand
 - C. 1 million**
 - D. 10 million

14. The world's population could reach _____ by 2050. **38:20**
A. 1 billion
B. **10 billion**
C. 12 billion
D. 15 billion
15. What are the "miners" searching for in the Kenyan landfill? **42:00**
A. Gold
B. Electronics
C. **Plastic bottles**
D. Aluminum cans
16. The "technosphere," the combination of all human-made or altered material, is estimated to be _____ tons. **43:20**
A. **30 trillion**
B. 40 trillion
C. 50 trillion
D. 60 trillion
17. What is being used in London as a space for growing crops? **49:20**
A. Greenhouse
B. Cave
C. Abandoned apartment building
D. **World War 2 air raid shelter**
18. Where is the huge oil refinery complex located? **56:45**
A. Anchorage, Alaska
B. **Houston Texas**
C. Saudi Arabia
D. Nigeria
19. Carbon dioxide levels in the atmosphere are higher than any time in the last _____ years. **57:45**
A. 12 thousand
B. 8 million
C. **66 million**
D. 120 million
20. How long is the Gudong Seawall in China? **59:15**
A. 80 km
B. **120 km**
C. 180 km
D. 240 km
21. What happens to the streets and shops of Venice, Italy? **1:02:20**
A. **They get flooded.**
B. There are frequent fires.
C. They get damaged by earthquakes.
D. They get covered with garbage.
22. What happens to the coral in the high-speed video? **1:05:40**
A. It slowly moves to another area.
B. It grows.
C. It gets eaten by fish.
D. **It turns white.**
23. What has caused this widespread bleaching? **1:06:15**
A. Chemicals dumped in the ocean.
B. **Ocean warming and acidification.**
C. Increased ultraviolet radiation.
D. Parasites.
24. The scimitar-horned oryx is _____ **1:09:35**
A. **extinct in the wild.**
B. an invasive species.
C. a predator.
D. prone to ear infections.
25. Extinction rates are up to _____ times higher than natural rates. **1:12:55**
A. 10
B. 100
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26. What do the artists carve in the ivory workshop? **1:16:15**
A. Mahogany
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C. **Mammoth tusks**
D. Whale bones
27. What do they do to the elephant tusks to prevent them from being sold on the black market? **1:19:00**
A. **Burn them**
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Name _____ Date _____ Period _____

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