

TRS501 – Earth Science – Vocabulary review

1. The layer of gases surrounding the Earth is called the _____.

- A. equator
- B. atmosphere
- C. emission
- D. decay

2. Scientists noticed that global temperatures increased _____ over the past decade.

- A. predictable
- B. dramatically
- C. reverse
- D. excess

3. Climate _____ means that weather patterns can change from year to year.

- A. variability
- B. emission
- C. potency
- D. trap

4. Many _____ influence climate, including sunlight, wind, and ocean currents.

- A. factors
- B. humid
- C. anomalies
- D. decay

5. The water _____ describes how water moves between the ocean, land, and atmosphere.

- A. equator
- B. cycle
- C. shift
- D. retain

6. An unusual weather event that does not follow normal patterns is called an _____.

- A. abundant
- B. anomaly

- C. humidity
- D. shift

7. A sudden _____ in climate conditions can lead to severe storms.

- A. decay
- B. reverse
- C. shift
- D. equator

8. Factories that burn fossil fuels produce high levels of carbon _____.

- A. emission
- B. decay
- C. reverse
- D. potency

9. Human activities _____ climate change by increasing greenhouse gases.

- A. drive
- B. vary
- C. retain
- D. absorb

10. Scientists are studying the _____ impact of rising sea temperatures on marine life.

- A. humid
- B. abundant
- C. potential
- D. predictable

11. Greenhouse gases can _____ heat in the atmosphere.

- A. reverse
- B. retain
- C. decay
- D. emit

12. Dark surfaces on Earth _____ more solar energy than light surfaces.

- A. absorb
- B. reverse
- C. vary
- D. account for

13. When plants grow, they _____ oxygen into the air.

- A. trap
- B. emit
- C. decay
- D. predict

14. Temperatures near the poles _____ greatly compared to those at the equator.

- A. vary
- B. shift
- C. trap
- D. retain

15. The _____ receives the most direct sunlight on Earth.

- A. decay zone
- B. atmosphere
- C. anomaly
- D. equator

16. Rainforests are warm and very _____ throughout the year.

- A. humid
- B. abundant
- C. predictable
- D. reverse

17. Scientists warn that climate patterns may _____ if greenhouse gases keep rising.

- A. reverse
- B. absorb
- C. decay
- D. trap

18. Seasons in many regions follow a _____ pattern each year.

- A. predictable
- B. excess
- C. humid
- D. trap

19. A region _____ by heavy rainfall often has dense vegetation.

- A. accounted
- B. characterized
- C. reversed
- D. decayed

20. Greenhouse gases can _____ heat and prevent it from escaping into space.

- A. decay
- B. trap
- C. shift
- D. reverse