

## 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