

Global Physical Science Facts

Physical Science · Practice Test · 25 Questions

1. Which layer of the Earth is located directly beneath the crust?

- A) Core
- B) Mantle
- C) Atmosphere
- D) Ocean

2. What is the primary gas that makes up the majority of Earth's atmosphere?

- A) Oxygen
- B) Carbon dioxide
- C) Nitrogen
- D) Hydrogen

3. Which continent is home to the largest desert in the world?

- A) Africa
- B) Asia
- C) Australia
- D) Antarctica

4. What force keeps objects on Earth pulled toward the center of the planet?

- A) Magnetism
- B) Gravity
- C) Friction
- D) Inertia

5. Which ocean is the largest on Earth?

- A) Atlantic
- B) Indian
- C) Arctic
- D) Pacific

6. What state of matter is the Earth's inner core primarily composed of?

- A) Solid
- B) Liquid
- C) Gas
- D) Plasma

7. At what temperature does pure water freeze at sea level?

- A) 10 degrees Celsius
- B) 5 degrees Celsius
- C) 0 degrees Celsius
- D) 32 degrees Celsius

8. What is the name of the imaginary line that divides Earth into the Northern and Southern Hemispheres?

- A) Prime Meridian
- B) Equator
- C) Tropic of Cancer
- D) Arctic Circle

9. Which layer of the atmosphere contains the ozone layer?

- A) Troposphere
- B) Stratosphere
- C) Mesosphere
- D) Thermosphere

10. What natural phenomenon is caused by the movement of tectonic plates?

- A) Rainfall
- B) Earthquakes
- C) Tides
- D) Wind

11. Which chemical element makes up the majority of the Earth's core by weight?

- A) Gold
- B) Iron
- C) Aluminum
- D) Silver

12. What is the main source of light and heat for the Earth?

- A) The Moon
- B) Volcanoes
- C) The Sun
- D) Geothermal vents

13. Which of these is considered a natural renewable energy source found in Iceland?

- A) Geothermal
- B) Coal
- C) Natural Gas
- D) Petroleum

14. Which process causes rocks to break down into smaller pieces over time?

- A) Erosion
- B) Evaporation
- C) Condensation
- D) Freezing

15. What covers approximately 71 percent of the Earth's surface?

- A) Forests
- B) Deserts
- C) Water
- D) Ice

16. What is the process called when liquid water turns into water vapor?

- A) Precipitation
- B) Evaporation
- C) Freezing
- D) Sublimation

17. Which of the following is the hardest natural substance found on Earth?

- A) Gold
- B) Diamond
- C) Quartz
- D) Talc

18. In which direction does the Earth rotate on its axis?

- A) North to South
- B) South to North
- C) West to East
- D) East to West

19. What type of rock is formed from cooled magma or lava?

- A) Sedimentary
- B) Igneous
- C) Metamorphic
- D) Fossilized

20. Which gas do plants primarily absorb from the atmosphere for photosynthesis?

- A) Nitrogen
- B) Oxygen
- C) Carbon dioxide
- D) Argon

21. What do we call a large mass of ice that moves slowly over land?

- A) Glacier
- B) Iceberg
- C) Shelf
- D) Tundra

22. What is the measurement of the total amount of salt dissolved in seawater?

- A) Density
- B) Salinity
- C) Viscosity
- D) Acidity

23. Which of these is the most common type of cloud found at low altitudes?

- A) Cirrus
- B) Cumulus
- C) Altocumulus
- D) Cirrostratus

24. What natural resource is extracted from deep underground and refined into gasoline?

- A) Coal
- B) Crude oil
- C) Natural gas
- D) Peat

25. Which planet's physical properties are most similar to Earth?

- A) Mars
- B) Venus
- C) Jupiter
- D) Saturn