

Meteorology Challenge

Meteorology · Practice Test · 10 Questions

1. Which layer of the atmosphere contains the majority of Earth's water vapour and is where most weather events occur?

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

2. What is the term for the process where liquid water turns into water vapour due to heat?

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

3. Which instrument is specifically used to measure atmospheric pressure?

- A) Anemometer
- B) Hygrometer
- C) Barometer
- D) Thermometer

4. What type of cloud is typically associated with thunderstorms and heavy precipitation?

- A) Cirrus
- B) Cumulonimbus
- C) Stratus
- D) Altocumulus

5. At what temperature in degrees Celsius does pure water typically freeze at sea level?

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

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

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

7. Which wind belt is primarily responsible for moving weather systems across the southern parts of Australia from west to east?

- A) Trade Winds
- B) Westerlies
- C) Doldrums
- D) Polar Easterlies

8. What causes the phenomenon known as 'dew' to form on grass in the early morning?

- A) Rainfall
- B) Condensation
- C) Transpiration
- D) Sublimation

9. Which term describes the amount of water vapour present in the air?

- A) Humidity
- B) Precipitation
- C) Visibility
- D) Pressure

10. What is the name of the scale used to classify the intensity of tropical cyclones based on wind speed?

- A) Richter Scale
- B) Beaufort Scale
- C) Saffir-Simpson Scale
- D) Fujita Scale