

Global Perspectives on Astrophysics

Astrophysics · Answer Key · 8 Questions

1. Which country is home to the Mauna Kea Observatory, located at one of the best sites in the world for astronomical observation?

A) United States

- B) France
- C) Brazil
- D) Japan

2. In which desert, known as the driest non-polar place on Earth, are the world's most powerful radio telescopes located?

A) Sahara Desert

B) Atacama Desert

- C) Gobi Desert
- D) Kalahari Desert

3. The Prime Meridian, which is essential for global timekeeping and celestial navigation, passes through which city?

A) Paris

B) New York

C) London

D) Tokyo

4. The European Southern Observatory (ESO) is an international research organization primarily based in which South American country?

A) Chile

- B) Argentina
- C) Peru
- D) Colombia

5. What is the name of the famous observatory located in Greenwich, London, that serves as a reference point for longitudinal measurements?

A) Royal Observatory

- B) City Observatory
- C) Space Museum
- D) Meridian Center

6. The Large Hadron Collider, which helps physicists understand the particles created in the early universe, is located on the border of which two countries?

A) Germany and Austria

B) France and Switzerland

C) Italy and Spain

D) Poland and Czech Republic

7. Which Australian territory hosts the Murchison Radio-astronomy Observatory, a key site for studying the early universe?

A) Northern Territory

B) Queensland

C) Western Australia

D) Tasmania

8. The island of La Palma in the Canary Islands, known for excellent stargazing conditions, belongs to which country?

A) Spain

B) Portugal

C) Italy

D) Greece