

Astrophysical Geography

Astrophysics · Answer Key · 10 Questions

1. The Atacama Large Millimeter/submillimeter Array (ALMA), one of the world's most powerful radio telescopes, is located in which country?

- A) Chile**
- B) Australia
- C) United States
- D) China

2. The Mauna Kea Observatory, home to some of the world's largest optical telescopes, is situated on an island in which U.S. state?

- A) Alaska
- B) California
- C) Hawaii**
- D) Florida

3. The Very Large Telescope (VLT) array, operated by the European Southern Observatory, is located on which mountain in the Atacama Desert?

- A) Cerro Paranal**
- B) Mount Everest
- C) Table Mountain
- D) Mauna Kea

4. The 'Square Kilometre Array' (SKA) is a major international radio telescope project currently being constructed across which two countries?

- A) Australia and South Africa**
- B) USA and Canada
- C) Brazil and Argentina
- D) India and China

5. The South Pole Telescope (SPT), designed to study the Cosmic Microwave Background, is located at which research station?

- A) Amundsen-Scott Station**
- B) Vostok Station
- C) McMurdo Station
- D) Scott Base

6. The Gran Telescopio Canarias (GTC), one of the world's largest optical telescopes, is located on the island of La Palma, which belongs to which nation?

A) Spain

B) Portugal

C) Italy

D) France

7. The Arecibo Observatory, which held the title of the world's largest single-aperture telescope for decades, was located in which territory?

A) Puerto Rico

B) Guam

C) American Samoa

D) US Virgin Islands

8. The Siding Spring Observatory, Australia's largest optical observatory, is located in which state of Australia?

A) New South Wales

B) Western Australia

C) Queensland

D) Victoria

9. The Pierre Auger Observatory, which studies ultra-high-energy cosmic rays, is located in the pampas of which country?

A) Argentina

B) Mexico

C) Chile

D) Colombia

10. The James Webb Space Telescope was launched from the Guiana Space Centre, which is located in a territory belonging to which country?

A) France

B) United Kingdom

C) United States

D) Netherlands