

Astrophysical Geography

Astrophysics · Practice Test · 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