Geographical Astronomy Facts

Astronomy · Answer Key · 25 Questions

1. Which telescope is located at an altitude of approximately 5,000 meters in the Atacama Desert in Chile?

A) Hubble Space Telescope
B) Atacama Large Millimeter Array (ALMA)
C) James Webb Space Telescope
D) Keck Observatory

2. The Mauna Kea Observatory, one of the world's premier astronomical sites, is located on which island?

A) Oahu
B) Maui
C) Big Island of Hawaii
D) Kauai

3. The Prime Meridian passes through which famous astronomical observatory near London?

A) Greenwich Observatory
B) Armagh Observatory
C) Royal Observatory of Edinburgh
D) Jodrell Bank

4. Which Australian desert is home to the Murchison Radio-astronomy Observatory?

A) Tanami Desert
B) Great Victoria Desert
C) Gibson Desert
D) Murchison region of Western Australia

5. The Tropic of Cancer marks the northernmost latitude where the Sun can appear directly overhead. What is its approximate latitude?

A) 23.5 degrees North
B) 23.5 degrees South
C) 0 degrees
D) 66.5 degrees North

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6. The VLT (Very Large Telescope) is operated by the European Southern Observatory in which South American country?

A) Argentina
B) Brazil
C) Chile
D) Peru

7. The South Pole Telescope is located at which research station?

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

8. The Arecibo Observatory, famous for its massive radio dish, was located in which territory?

A) Puerto Rico
B) Hawaii
C) Guam
D) American Samoa

9. Which major city is the site of the Griffith Observatory, which overlooks the Hollywood Sign?

A) San Francisco
B) Los Angeles
C) San Diego
D) Sacramento

10. The Paranal Observatory is situated in the driest non-polar desert on Earth. Where is this desert?

A) Gobi Desert
B) Atacama Desert
C) Sahara Desert
D) Kalahari Desert

11. The Anglo-Australian Telescope is located at Siding Spring Observatory in which Australian state?

A) Queensland
B) New South Wales
C) Victoria
D) Western Australia

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12. Which astronomical phenomenon can only be viewed in the high-latitude regions near the North and South Poles?

A) Solar eclipse
B) Aurora
C) Lunar eclipse
D) Transit of Venus

13. The Isaac Newton Group of Telescopes is located at the Roque de los Muchachos Observatory on which island?

A) Tenerife
B) La Palma
C) Gran Canaria
D) Lanzarote

14. Which landmark astronomical observatory is located on Mount Wilson near Pasadena, California?

A) Mount Wilson Observatory
B) Palomar Observatory
C) Lick Observatory
D) Yerkes Observatory

15. The South African Large Telescope (SALT) is located near which small town in the Karoo region?

A) Sutherland
B) Cape Town
C) Johannesburg
D) Pretoria

16. What is the name of the astronomical site located in the high-altitude plateau of Tibet, China?

A) Ali Observatory
B) Delingha Observatory
C) Purple Mountain Observatory
D) Kunming Observatory

17. The Antarctic Muon And Neutrino Detector Array (IceCube) is buried deep within the ice near which geographical point?

A) North Pole
B) South Pole
C) Magnetic North Pole
D) Equator

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18. Which European country hosts the Roque de los Muchachos Observatory in the Canary Islands?

A) Portugal
B) Spain
C) Italy
D) Greece

19. The Kitt Peak National Observatory, housing one of the world's largest collections of optical telescopes, is in which US state?

A) Nevada
B) Arizona
C) New Mexico
D) Utah

20. Where is the Jodrell Bank Observatory, known for the Lovell Telescope, located?

A) Wales
B) Scotland
C) England
D) Northern Ireland

21. The Pyrenees mountains are home to which famous astronomical observation site?

A) Pic du Midi Observatory
B) Observatoire de Paris
C) Nice Observatory
D) Haute-Provence Observatory

22. The Roque de los Muchachos Observatory is situated on the edge of a massive volcanic caldera on which island?

A) La Palma
B) Tenerife
C) Madeira
D) Azores

23. The Submillimeter Array (SMA) is a radio interferometer located on which Hawaiian mountain?

A) Mauna Loa
B) Mauna Kea
C) Haleakala
D) Kilauea

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24. The McDonald Observatory is located in the Davis Mountains of which US state?

A) Colorado
B) Texas
C) Wyoming
D) Montana

25. The HESS (High Energy Stereoscopic System) telescope array is located in the Khomas Highland of which country?

A) Botswana
B) Namibia
C) South Africa
D) Zambia

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