

1. What is the theme of "World Space Week 2024", celebrated from October 4th to 10th?

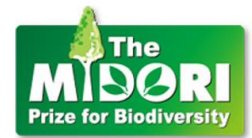
- A. Space and Climate Change
- B. Space and Sustainability
- C. Women in Space
- D. The Moon: Gateway to the Stars



- ✓ **World Space Week is celebrated from October 4 to 10, 2024. Each year, it follows a theme set by the United Nations General Assembly. The theme for 2024 is "Space and Climate Change." This theme highlights the role of space science and technology in addressing extreme weather and climate change. It aims to educate and inspire people about how space exploration can improve our understanding and management of Earth's climate. It focuses on the partnership between space technology and climate science for a better future.**

2. Who have been awarded the MIDORI Prize for Biodiversity 2024?

- A. Vera Voronova and Ysabel Agustina Calderón Carlos
- B. Jane Goodall and David Attenborough
- C. Assad Serhal and Alfred Oteng-Yeboah
- D. Kathy MacKinnon and Greta Thunberg



- ✓ **The MIDORI Prize for Biodiversity 2024 has been awarded to Vera Voronova from Kazakhstan and Ysabel Agustina Calderón Carlos from Peru. The prize was established by the AEON Environmental Foundation in collaboration with the Convention on Biological Diversity (CBD). It recognizes individuals for their significant contributions to biodiversity conservation and sustainability. The award is given biennially, every two years.**

3. Rare brown vine snake recently spotted in which wildlife park of Uttar Pradesh?

- A. Dudhwa National Park
- B. Hastinapur Wildlife Sanctuary
- C. Kishanpur Sanctuary
- D. None of the above



- ✓ **According to recent reports, a rare brown vine snake has been spotted in Dudhwa National Park in Uttar Pradesh. It emerged as a species never previously documented in the wildlife history of Dudhwa National Park or the entire state of Uttar Pradesh. This is the second remarkable reptile discovery in Dudhwa, following the rediscovery of the rare red coral Khukri snake in 2019.**

4. Lipulekh Pass is located near the trijunction of which countries?

- A. India, Myanmar and Bangladesh
- B. India, Nepal and China
- C. India, Bhutan and China
- D. China, Bhutan and Nepal



- ✓ Pilgrims recently had the first-ever view of the sacred Kailash peak from the Old Lipulekh pass in Indian territory. Lipulekh Pass is a high-altitude pass in Uttarakhand, near the trijunction of India, Nepal, and China, at 5,334 meters. It links Uttarakhand with Tibet and serves as a gateway to the Himalayas. It is situated in Vyas Valley, Pithoragarh. It opened for trade with China in 1992. It has ancient trade significance and is part of the Kailash Mansarovar Yatra, a sacred Hindu pilgrimage to Mount Kailash, believed to be Lord Shiva's abode.

5. Who was elected as the Chairperson of the 77th session of the WHO's Regional Committee for Southeast Asia?

- A. Rajnath Singh
- B. JP Nadda
- C. Anupriya Patel
- D. Jadhav Prataprao



- ✓ Union Health Minister JP Nadda was elected Chairperson of the 77th session of WHO's Regional Committee for Southeast Asia. The committee shapes WHO's health policies in the region. The three-day session began in New Delhi and includes health ministers from Southeast Asian nations like Bangladesh, India, Indonesia, Sri Lanka, and others. The focus is on improving public health systems and addressing key epidemiological and demographic challenges.

6. How many medals won by India at ISSF Junior World Shooting Championship in Peru?

- A. 18
- B. 20
- C. 24
- D. 30



- ✓ Indian shooters dominated the ISSF Junior World Shooting Championship in Peru, winning 24 medals: 13 gold, 3 silver, and 8 bronze. Italy secured second place, while Norway came in third. On the final day, Deepak Dalal, Kamaljeet, and Raj Chandra won the men's 50m pistol team gold medal. The next major event is the ISSF World Cup Final in New Delhi, scheduled for Oct.13 to 18.

7. Dipa Karmakar, who recently announced her retirement, was associated with which sports?

- A. Gymnastics
- B. Badminton
- C. Hockey
- D. Tennis



- ✓ **Olympian and Commonwealth Games bronze medallist Dipa Karmakar announced her retirement from gymnastics. She was the first Indian female gymnast to gain international recognition. She narrowly missed a medal at the 2016 Rio Olympics, performing the Produnova vault.**
- ✓ **Dipa Karmakar won a bronze medal at the 2014 Commonwealth Games and gold at the 2018 World Cup in Turkiye. She also won gold at the 2024 Asian Women's Artistic Gymnastics Championships in Tashkent, Uzbekistan.**

8. Who were awarded the 2024 Nobel Prize in Physiology or Medicine for discovery of microRNA?

- A. Hans Clevers and Eric Topol
- B. Victor Ambros and Gary Ruvkun
- C. Stuart Orkin and Peter Barnes
- D. Paul Ridker and Francis Collins



- ✓ **The Nobel Prize in Physiology and Medicine 2024 has been awarded to scientists Victor Ambros and Gary Ruvkun. They were recognized for their discovery of microRNA and its role in post-transcriptional gene regulation. MicroRNA is crucial for regulating gene activity. The Nobel Assembly stated that their discovery is vital for understanding how organisms develop and function. The winners receive a prize of 11 million Swedish crowns, equivalent to about \$1.1 million.**

9. Hirakud Dam is built on which river?

- A. Narmada
- B. Godavari
- C. Krishna
- D. Mahanadi



- ✓ **The canal network connected to Hirakud Dam, a major project in eastern India, is set for renovation. Hirakud Dam is the longest dam in India and the longest earthen dam in the world, with a length of 25.79 km. It is built across the Mahanadi River, 15 km upstream of Sambalpur, Odisha. The dam creates the Hirakud Reservoir, the largest artificial lake in Asia, covering 746 sq. km. Inaugurated in 1957, it was India's first major post-independence multipurpose river valley project.**

10. 'Indian Air Force Day 2024' is celebrated on which day?

- A. October 8
- B. October 9
- C. October 10
- D. October 11



- ✓ Every year on October 8, India observes Indian Air Force Day to honor servicemen and pilots who sacrificed their lives for the nation. This year, the celebration marks the 92nd anniversary of the Indian Air Force. The event takes place at Marina Beach in Chennai. The theme for this year is "Bharatiya Vayusena: Saksham, Sashakt aur Aatmnirbhar," which translates to "Potent, Powerful, and Self-Reliant."

11. Kazakhstan establishes its first nuclear power station near which lake?

- A. Lake Alakol
- B. Lake Lemuria
- C. Lake Balkhash
- D. Lake Kryve



- ✓ Kazakhstan, the world's leading uranium producer, is considering its first nuclear power station to enhance energy capacity. The location, near Lake Balkhash, is significant due to past Soviet-era nuclear tests that exposed millions to radiation.

12. Which rare species of leopard has recently identified in Odisha?

- A. Snow Leopard
- B. Black Panther
- C. Arabian Leopard
- D. Javan Leopard



- ✓ Odisha has reported the presence of rare melanistic leopards, known as black panthers, in three forest divisions based on the All-Odisha Leopard Estimation-2024. This species is particularly vulnerable to poaching, and the state is taking measures to protect them. The survey revealed a total of 696 leopards in Odisha. Similipal Tiger Reserve, which houses lot of unique Royal Bengal tigers.

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