

**1. Consider the following statements regarding the Kawal Tiger Reserve:**

1. It is located in Telangana along the banks of the river Godavari.
2. The reserve is part of the Sahyadri mountain ranges.
3. It is linked to Tadoba-Andhari and Indravati Tiger Reserves.
4. It is primarily covered by Tropical Evergreen Forests.

**Which of the above statements is/are correct?**

- (a) 1&3 only
- (b) 1,2&3 only
- (c) 2,3&4 only
- (d) 1,2,3&4

**2. With reference to Vitamin B9 (Folate), consider the following statements:**

1. Folate is a water-soluble vitamin naturally found in foods like green leafy vegetables and legumes.
2. It plays a key role in red blood cell formation and healthy cell growth.
3. Vitamin B9 is particularly important for children due to their rapid growth and development phases.
4. Fortified cereals are a poor source of Vitamin B9.

**Which of the statements given above is/are correct?**

- (a) 1&2 only
- (b) 1,2&3 only
- (c) 2&4 only
- (d) 1,3&4 only

**3. With reference to Thrombectomy, consider the following statements:**

1. Thrombectomy is a medical procedure used to remove blood clots from arteries or veins.
2. Blood clots, also known as thrombi, can block blood flow and cause serious complications.
3. Thrombectomy is only used in cases involving the heart.
4. Sometimes, it needs to be done urgently to prevent life- or limb-threatening conditions.

**Which of the statements given above is/are correct?**

- (a) 1&2 only
- (b) 1,2&4 only
- (c) 2&3 only
- (d) 1,3&4 only

**4. With reference to Calotes zolaiking, consider the following statements:**

1. It is a species of garden lizard first described from Mizoram in 2019.
2. These lizards are about 5 inches long and display shades of green with dark patches.
3. The term "strongly keeled" refers to the ridged scales present on their bodies.
4. India is home to more than 25 species of Calotes.

**Which of the statements given above is/are correct?**

- (a) 1&2 only
- (b) 1,2&3 only
- (c) 2,3&4 only
- (d) 1,3&4 only

**5. Consider the following statements regarding the Caspian Gull:**

1. It is a rare winter visitor to northwestern India.
2. It nests near lakes in steppe and semi-desert regions of Central Asia.
3. It is easy to identify due to its distinct appearance.
4. Its IUCN conservation status is Least Concern.

**Which of the statements given above are correct?**

- (a) 1&2 only
- (b) 1,2&4 only
- (c) 2&3 only
- (d) 1,2,3&4

**6. Consider the following statements about phytoplankton:**

1. Phytoplankton are tiny plants found in oceans.
2. They need sunlight and nutrients to grow.
3. Dinoflagellates and diatoms are types of phytoplankton.
4. Diatoms use flagella to move in water.

**Which of the statements given above are correct?**

- (a) 1,2&3 only
- (b) 1&4 only
- (c) 2,3&4 only
- (d) 1,2,3&4

**7. With reference to BharatGen, consider the following statements:**

- 1. BharatGen is India's first indigenously developed multimodal Large Language Model (LLM) based on Artificial Intelligence.
- 2. It is being implemented by IIT Bombay under the National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS).
- 3. BharatGen currently supports only English and Hindi languages.
- 4. The initiative is supported by the Department of Science and Technology (DST).

**Which of the statements given above are correct?**

- (a) 1&2 only
- (b) 1,2&4 only
- (c) 1,3&4 only
- (d) 2&3 only

**8. With reference to the National Centre for Disease Informatics and Research (NCDIR), consider the following statements:**

- 1. It is a permanent institute under the Indian Council of Medical Research (ICMR).
- 2. It is located in Hyderabad, Telangana.
- 3. One of its key objectives is to build a national research database on cancer and other non-communicable diseases using electronic information technology.
- 4. The NCDIR works under the Ministry of Electronics and Information Technology.

**Which of the statements given above are correct?**

- (a) 1&3 only
- (b) 2&4 only
- (c) 1,2&3 only
- (d) 1,3&4 only

**9. With reference to Flue Gas, consider the following statements:**

- 1. Flue gas is a by-product of the combustion of fossil fuels.
- 2. It may contain pollutants like sulfur dioxide and nitrogen oxides.
- 3. The composition of flue gas remains the same regardless of the fuel type.
- 4. Flue gas is released through ducts and chimneys called 'flues'.

**Which of the statements given above are correct?**

- (a) 1&2 only
- (b) 1,2&4 only
- (c) 2,3&4 only
- (d) 1,3&4 only

**10. With reference to the Kheer Bhawani Temple, consider the following statements:**

- 1. The temple is located in Jammu and Kashmir and is dedicated to Goddess Ragnya Devi.
- 2. It is closely associated with the Kashmiri Pandit community.
- 3. The temple is named after the offering of a sweet dish made of rice and milk.
- 4. The Mela Kheer Bhawani festival is celebrated on Diwali every year.

**Which of the statements given above are correct?**

- (a) 1,2&3 only
- (b) 1&4 only
- (c) 2,3&4 only
- (d) 1,2,3&4

**11. With reference to Enzymes and Nanozymes, consider the following statements:**

- 1. All enzymes are proteins, but not all proteins act as enzymes.
- 2. Enzymes can only be produced by living organisms, whereas nanozymes are exclusively synthetic.
- 3. Nanozymes are nanomaterials that can mimic the catalytic activity of natural enzymes.
- 4. Carbon-based nanozymes exhibit only oxidative enzyme-like activities and not reductive ones.

**Which of the statements given above are correct?**

- (a) 1&3 only
- (b) 2&4 only
- (c) 1,3&4 only
- (d) 1,2,3&4

**12. With reference to MSC Irina, consider the following statements:**

- 1. MSC Irina is the world's largest container ship by carrying capacity.
- 2. It is operated by a company headquartered in Switzerland.
- 3. The ship is powered entirely by wind energy.
- 4. It sails under the flag of Liberia.

**Which of the statements given above are correct?**

- (a) 1,2&4 only
- (b) 1&3 only
- (c) 2,3&4 only
- (d) 1,2,3&4

**13. With reference to the Coringa Wildlife Sanctuary, consider the following statements:**

- 1. It is located in the Godavari estuary region of Andhra Pradesh.
- 2. It contains the second-largest stretch of mangrove forests in India.
- 3. Olive Ridley turtles use its sea coast as a nesting ground.
- 4. It is primarily a dry deciduous forest without any tidal water influence.

**Which of the statements given above are correct?**

- (a) 1&2 only
- (b) 1,2&3 only
- (c) 2&4 only
- (d) 1,3&4 only

**14. With reference to the International Institute of Administrative Sciences (IIAS), consider the following statements:**

- 1. It is a global federation comprising member states, national sections, and academic research centres working on public administration issues.

- 2. India is one of its member countries.
- 3. It is a specialized agency of the United Nations responsible for administrative reforms in developing countries.
- 4. Its membership includes countries such as Japan, Germany, Saudi Arabia, and South Africa.

**Which of the statements given above are correct?**

- (a) 1,2&4 only
- (b) 1&3 only
- (c) 2&3 only
- (d) 1,2,3&4

**15. With reference to the Kerch Strait, consider the following statements:**

- 1. It is the only water body that connects the Black Sea with the Sea of Azov.
- 2. It separates the Crimean Peninsula from the Russian mainland.
- 3. The city of Kerch lies on the Russian side of the strait.
- 4. The strait has been a point of geopolitical tension between Russia and Ukraine.

**Which of the statements given above are correct?**

- (a) 1,2&4 only
- (b) 1&3 only
- (c) 2&3 only
- (d) 1,2,3&4

**16. With reference to the International Crops Research Institute for Semi-Arid Tropics (ICRISAT), consider the following statements:**

- 1. It was established through an agreement between the Government of India and CGIAR.
- 2. It conducts agricultural research specifically for the dryland regions of Asia and sub-Saharan Africa.
- 3. One of its key goals is to support smallholder farmers in tackling the challenges of climate change.
- 4. It is a for-profit research body that works mainly in temperate regions.

**Which of the statements given above are correct?**

- (a) 1,2&3 only
- (b) 1&4 only
- (c) 2&3 only
- (d) 1,2,3&4



**17. Consider the following statements regarding Ejiao:**

1. Ejiao is a traditional Chinese medicine product made from donkey skin.
2. It is known for its properties such as boosting immunity and treating anaemia.
3. Ejiao is made by extracting collagen from camel skin and mixing it with herbs.
4. It is also used in beauty products in the form of pills, bars, or liquids.

**Which of the above statements is/are correct?**

- (a) 1&2 only
- (b) 1,2&4 only
- (c) 1&3 only
- (d) All of the above

**18. With reference to Stratospheric Aerosol Injection (SAI), consider the following statements:**

1. It is a geoengineering technique intended to cool the Earth's climate.
2. It involves the release of carbon dioxide into the stratosphere to reflect sunlight.
3. The technique is inspired by natural volcanic eruptions.
4. Sulfur dioxide is commonly used in this method to create sunlight-reflecting aerosols.

**Which of the statements given above are correct?**

- (a) 1,2&3 only
- (b) 1,3&4 only
- (c) 2&4 only
- (d) All of the above

**19. With reference to the Kalvarayan Hills, consider the following statements:**

1. They are a part of the Eastern Ghats located in Tamil Nadu.
2. These hills act as a natural divide between the Kaveri and Palar river basins.
3. The Periya Kalrayans are higher in elevation than the Chinna Kalrayans.
4. The Kalvarayan Hills are located entirely within the Coimbatore district of Tamil Nadu

**Which of the statements given above are correct?**

- (a) 1,2&3 only
- (b) 1&4 only
- (c) 2,3&4 only
- (d) 1,2,3&4 only

**20. With reference to the Himalayan Long-tailed Myotis, consider the following statements:**

1. It is a newly discovered species of bat found in the Western Himalayan region.
2. It belongs to the Myotis frater complex, a group of morphologically similar bat species.
3. It is commonly found in mangrove forests and coastal plains.
4. Its habitat includes Deodar, Pine, and Cedar forests.

**Which of the above statements is/are correct?**

- (a) 1&2 only
- (b) 1,2&4 only
- (c) 3&4 only
- (d) All of the above

**21. With reference to the Coalition for Disaster Resilient Infrastructure (CDRI), consider the following statements:**

1. It was launched by India in collaboration with the United Nations Office for Disaster Risk Reduction (UNDRR).
2. It is a global partnership that includes national governments, UN agencies, financial institutions, and private sector organizations.
3. The main objective of CDRI is to promote fossil fuel-based infrastructure for economic growth.

**Which of the above statements is/are correct?**

- (a) 1&2 only
- (b) 2&3 only
- (c) 1&3 only
- (d) 1,2&3

**22. With reference to Magnetic Isolation and Concentration Cryo-Electron Microscopy, consider the following statements:**

1. This technique allows the study of extremely dilute samples—up to 100 times more dilute than previously possible.
2. It uses magnetic beads to hold molecules in place, thereby reducing the amount of protein required.
3. The DuSTER method was developed to help improve the structural analysis of smaller molecules.

**Which of the above statements is/are correct?**

- (a) 1&2 only
- (b) 2&3 only
- (c) 1&3 only
- (d) 1,2&3

**23. With reference to the cultivation of Heeng (Asafoetida), consider the following statements:**

1. Heeng is a perennial plant that takes around five years to mature and start flowering.
2. It requires well-drained, sandy soil with low moisture content.
3. The plant thrives in hot and humid climates with annual rainfall above 800 mm.
4. In extremely cold and dry conditions, the plant becomes dormant to survive.

**Which of the above statements is/are correct?**

- (a) 1,2&4 only
- (b) 2&3 only
- (c) 1&3 only
- (d) 1,2,3&4

**24. Consider the following statements regarding the Civil Registration System (CRS) in India:**

1. The Civil Registration System is primarily concerned with the recording of vital events such as births, deaths, and still births.
2. The Registration of Births and Deaths (RBD) Act was enacted in 1969 and was amended in 2023.
3. The provisions under the RBD Act were enforced nationwide starting from 1st April, 1975.
4. The aim of the CRS is to ensure uniformity and comparability in the registration of vital events across India.

**Which of the above statements is/are correct?**

- (a) 1&2 only
- (b) 1,2&4 only
- (c) 2&4 only
- (d) 1,3&4 only

**25. With reference to the archaeological site at Keeladi, consider the following statements:**

1. Keeladi is located on the banks of the Kaveri River in Tamil Nadu.
2. Excavations at Keeladi have revealed evidence of early urban civilization and literacy through Tamil Brahmi inscriptions.
3. Artefacts unearthed from Keeladi include gold ornaments, terracotta seals, and weaving tools.

**Which of the above statements is/are correct?**

- (a) 1&2 only
- (b) 2&3 only
- (c) 1&3 only
- (d) 1,2&3

**26. With reference to the BBX32 protein in plants, consider the following statements:**

1. BBX32 is a B-box protein that plays a role in regulating plant growth and development.
2. BBX32 helps control the timing of seedling emergence by keeping the first leaves unfolded underground.
3. BBX32 works in coordination with ethylene and light signals to ensure proper seedling establishment.

**Which of the above statements is/are correct?**

- (a) 1&2 only
- (b) 2&3 only
- (c) 1&3 only
- (d) 1,2&3

**27. With reference to the United Nations Population Fund (UNFPA), consider the following statements:**

1. UNFPA is directly responsible for collecting population statistics in member countries.

2. The organisation was originally known as the United Nations Fund for Population Activities.
3. UNFPA is funded entirely through voluntary contributions, not from the United Nations regular budget.

**Which of the above statements is/are correct?**

- 1&2 only
- 2&3 only
- 1&3 only
- 1,2&3

**28. With reference to Nickel, consider the following statements:**

1. Nickel is a silvery-white metal that commonly occurs in the Earth's crust and core.
2. Nickel is an essential nutrient for plants and is naturally found in soil and water.
3. India has significant nickel reserves in the Sukinda region of Odisha.
4. The largest reserves of nickel in the world are found in Russia and the Philippines.

**Which of the above statements are correct?**

- (a) 1,2&3 only
- (b) 2,3&4 only
- (c) 1&4 only
- (d) 1,2,3&4

**29. Consider the following statements regarding Russell's Viper:**

1. It is one of the "big four" venomous snakes responsible for most snakebite deaths in India.
2. It is commonly found in dense tropical forests across India.
3. Russell's Viper belongs to the Elapidae family of snakes.
4. It is a terrestrial snake often found in open grassy or bushy areas.

**Which of the statements given above is/are correct?**

- (a) 1&4 only
- (b) 2&3 only
- (c) 1,2&3 only
- (d) 1,3&4 only

**30. Consider the following statements about Idukki Wildlife Sanctuary:**

1. It is located around the Idukki Arch Dam in Kerala.
2. The major rivers flowing through the sanctuary are Periyar and Cheruthoniar.
3. The sanctuary is dominated only by grassland vegetation.
4. The highest point in the sanctuary is Vanjur Medu.

**Which of the statements given above are correct?**

- (a) 1,2&4 only
- (b) 1&3 only
- (c) 2&3 only
- (d) 1,2,3&4

**31. Consider the following statements regarding the global nuclear arsenal as of 2025:**

1. Russia possesses the largest number of nuclear weapons in the world.
2. India has more nuclear warheads than the United Kingdom.
3. North Korea has fewer than 100 nuclear weapons.
4. Only five countries in the world possess nuclear weapons.

**Which of the statements given above are correct?**

- (a) 1&3 only
- (b) 2&4 only
- (c) 1,2&3 only
- (d) 1,3&4 only

**32. Consider the following statements regarding a hydraulic system:**

1. A hydraulic system works on Pascal's Law.
2. Pascal's Law states that pressure applied to an incompressible fluid is transmitted equally in all directions.
3. In a hydraulic system, a small force applied over a small area can generate a larger force over a larger area.
4. Hydraulic systems work best with compressible gases.

**Which of the statements given above are correct?**

- (a) 1,2&3 only
- (b) 1&4 only
- (c) 2,3&4 only
- (d) 1,2,3&4



**33. With reference to Merchant Banking, consider the following statements:**

1. Merchant banks primarily offer financial services to corporate clients.
2. They help companies in raising capital and managing investments.
3. Merchant bankers act as intermediaries between investors and companies.
4. They are not involved in advising on mergers and acquisitions.

**Which of the statements given above is/are correct?**

- (a) 1,2&3 only
- (b) 1&4 only
- (c) 2&3 only
- (d) All four statements

**34. With reference to Croatia, consider the following statements:**

1. Croatia is located on the northwestern part of the Balkan Peninsula.
2. It shares a land border with Hungary and Serbia.
3. It has a coastline along the Adriatic Sea and shares a maritime border with Italy.
4. Croatia is a member of both the European Union and NATO

**Which of the statements given above is/are correct?**

- (a) 1,2&4 only
- (b) 2,3&4 only
- (c) 1,2,3&4
- (d) 1&3 only

**35. With reference to the FASTag Annual Pass Scheme, consider the following statements:**

1. FASTag is managed by both the National Highways Authority of India (NHAI) and the National Payments Corporation of India (NPCI).
2. The FASTag system became mandatory at all toll plazas in India in 2021.
3. Under the Annual Pass scheme, private vehicles are allowed unlimited free passage at NH and NE toll plazas for lifetime.
4. The Annual Pass automatically converts back to a regular FASTag after either 200 trips or one year.

**Which of the statements given above is/are correct?**

- (a) 1,2&4 only
- (b) 2&3 only
- (c) 1&4 only
- (d) 1,2,3&4

**36. With reference to Agarwood (Aquilaria malaccensis), consider the following statements:**

1. Agarwood is a fragrant resinous wood obtained from the Aquilaria malaccensis tree.
2. The resin is produced when the tree is infected by a type of mold as a defence response.
3. Agarwood is commonly used as incense and is among the most valuable aromatic substances in the world
4. The tree naturally matures and produces resin within one or two years in the wild.

**Which of the statements given above is/are correct?**

- (a) 1,2&3 only
- (b) 2&4 only
- (c) 1&3 only
- (d) 1,2,3&4

**37. Consider the following statements regarding the Periyar Tiger Reserve (PTR):**

1. It is located in the Idukki district of Kerala.
2. The reserve is situated in the Cardamom Hills and Pandalam Hills of the Western Ghats.
3. Periyar Lake, located inside the reserve, was formed naturally.
4. The reserve shares its border with the state of Tamil Nadu.

**Which of the above statements is/are correct?**

- (a) 1&2 only
- (b) 1,2&4 only
- (c) 1,2,3&4
- (d) 2&3 only

**38. Consider the following statements regarding the Vineet Joshi Panel:**

1. It is a nine-member panel set up by the Union Education Ministry.

2. One of its objectives is to reduce students' dependence on coaching centres.
3. The panel aims to improve focus on critical thinking and analytical skills in the school system.
4. The panel is responsible for preparing the NEET and JEE exam papers.

**Which of the above statements is/are correct?**

- (a) 1&2 only
- (b) 1,2&3 only
- (c) 1,3&4 only
- (d) 2&4 only

**39. Consider the following statements regarding NAKSHATRA:**

1. NAKSHATRA is a high-performance computing (HPC) cluster developed for virological research.
2. It includes 12 compute nodes and has a total storage capacity of 1 petabyte.
3. It will help in viral genomic surveillance and pandemic preparedness.
4. It is a satellite-based system developed by ISRO for weather forecasting.

**Which of the above statements is/are correct?**

- (a) 1&2 only
- (b) 1,2&3 only
- (c) 1&4 only
- (d) 2&4 only

**40. Consider the following statements about Hypnic Jerks:**

1. Hypnic jerks are involuntary muscle spasms that usually occur in the early stages of sleep.
2. They are considered harmful and require immediate medical treatment.
3. They can happen when the brain misinterprets muscle relaxation as the body falling.
4. Most people experience hypnic jerks at some point in their lives.

**Which of the above statements is/are correct?**

- (a) 1,3&4 only
- (b) 1&2 only
- (c) 2&3 only
- (d) 1,2,3&4

**41. With reference to e-Raktkosh, consider the following statements:**

1. It is an online blood bank management system implemented under the National Health Mission.
2. The platform has been developed by the Indian Council of Medical Research (ICMR).
3. It provides information about blood availability, blood banks, and donation camps across India.
4. More than 3,800 blood centers are registered on the portal.

**Which of the statements given above are correct?**

- (a) 1&2 only
- (b) 1,3&4 only
- (c) 2,3&4 only
- (d) 1,2,3&4

**42. With reference to the Subarnarekha River, consider the following statements:**

1. It originates in the Ranchi district of Jharkhand.
2. The river finally drains into the Arabian Sea.
3. The Kharkai is one of its main right-bank tributaries.
4. The river basin lies entirely within the state of Jharkhand.

**Which of the statements given above are correct?**

- (a) 1&3 only
- (b) 1&2 only
- (c) 2&4 only
- (d) 1,3&4 only

**43. With reference to the traditional instrument Ghumot, consider the following statements:**

1. It is a percussion instrument traditionally used in the cultural practices of Goa.
2. It is made using a clay pot, with one end covered by animal skin.
3. The use of Indian monitor lizard skin has been entirely replaced by synthetic material.
4. It is played by striking the stretched membrane to produce rhythmic beats.

**Which of the statements given above are correct?**

- (a) &4 only
- (b) 1&3 only



- (c) 2&4 only  
(d) 1,2,3&4

**44. With reference to the B-2 Spirit Stealth Bomber, consider the following statements:**

1. It is a long-range stealth bomber operated by the United States.
2. It was developed by Boeing Corporation.
3. It is one of the most expensive military aircraft ever built.
4. The aircraft first flew in 1989 and entered service in the 1990s.

**Which of the statements given above are correct?**

- (a) 1,3&4 only  
(b) 1&2 only  
(c) 2,3&4 only  
(d) 1,2,3&4

**45. With reference to Chios Island, consider the following statements:**

1. Chios is a Greek island located in the Aegean Sea.
2. It is the largest island of Greece by area.
3. Chios is situated closer to Turkey than to mainland Greece.
4. Mount Pelinaion, the highest point on the island, is over 1,200 meters high.

**Which of the statements given above are correct?**

- (a) 1&2 only  
(b) 1,3&4 only  
(c) 2&4 only  
(d) 1,2,3&4

**46. With reference to INS Nilgiri, consider the following statements:**

1. It is the first ship of the indigenously built Project 17A class of stealth frigates.
2. INS Nilgiri is designed by the Indian Navy's Warship Design Bureau.
3. It is being constructed by Garden Reach Shipbuilders and Engineers (GRSE), Kolkata.
4. The Nilgiri class is based on the Shivalik class of frigates.

**Which of the statements given above are correct?**

- (a) 1,2&4 only  
(b) 1,3&4 only  
(c) 2&3 only  
(d) 1,2,3&4

**47. With reference to Palm trees, consider the following statements:**

1. Palm belongs to the family Arecaceae, which is a group of monocotyledonous flowering plants.
2. Palm plants can grow as shrubs, trees, or woody vines called lianas.
3. Palm trees are distributed mainly in the Americas, Asia, and Africa.
4. Palm trees are classified as deciduous plants.

**Which of the statements given above are correct?**

- (a) 2&3 only  
(b) 2&4 only  
(c) 1&4 only  
(d) 1,2,3&4

**48. With reference to the "Gwada negative" blood group, consider the following statements:**

1. It is officially classified as the EMM-negative blood group system by the International Society of Blood Transfusion (ISBT).
2. It is characterized by the absence of a high-incidence antigen found on red blood cells.
3. The name "Gwada negative" refers to a geographical region in Africa where the blood group was first discovered.
4. It is considered extremely rare and medically significant.

**Which of the statements given above are correct?**

- (a) 1,2&4 only  
(b) 1,3&4 only  
(c) 2&3 only  
(d) 1,2,3&4

**49. With reference to Candida tropicalis, consider the following statements:**

1. It is a species of yeast that belongs to the Candida genus.

2. It is commonly found only in cold and temperate marine environments.
3. It is known to be a human pathogen with a high mortality rate.
4. It is found in both marine habitats and the human gut.

**Which of the statements given above are correct?**

- (a) 1,3&4 only
- (b) 1&2 only
- (c) 2&3 only
- (d) 1,2,3&4

**50. With reference to the “State of the Climate in Asia 2024” report, consider the following statements:**

1. It is published by the World Meteorological Organization (WMO).
2. The report includes contributions from various UN agencies, regional climate centres, and national meteorological services.
3. It provides information only on greenhouse gas emissions in Asia.

**Which of the statements given above is/are correct?**

- (a) 1&2 only
- (b) 2&3 only
- (c) 1&3 only
- (d) 1,2&3 only

**51. With reference to the Organisation of Islamic Cooperation (OIC), consider the following statements:**

1. It is the second largest intergovernmental organisation in the world after the United Nations.
2. It was established in 1969 in Rabat, Morocco.
3. The OIC works only on religious issues concerning the Muslim world.
4. It has 57 member states across multiple continents.

**Which of the statements given above are correct?**

- (a) 1,2&4 only
- (b) 1,3&4 only
- (c) 2&3 only
- (d) 1,2,3&4

**52. With reference to Enhanced Rock Weathering (ERW), consider the following statements:**

1. ERW is a technique aimed at accelerating the natural process of carbon dioxide removal from the atmosphere.
2. It uses finely ground fast-weathering rocks like basalt to enhance carbon capture.
3. The process of weathering involves the reaction between carbon dioxide and water to form carbonic acid.
4. ERW is currently limited to projects only in Europe and North America.

**Which of the statements given above are correct?**

- (a) 1,2&3 only
- (b) 1&4 only
- (c) 2,3&4 only
- (d) 1,2,3&4

**53. With reference to Chemotherapy, consider the following statements:**

1. Chemotherapy is a systemic treatment that can target cancer cells throughout the body.
2. Unlike surgery and radiation, chemotherapy only works at the site of the original tumor.
3. Chemotherapy can be given in forms such as pills, injections, or intravenous (IV) infusions.

**Which of the statements given above is/are correct?**

- (a) 1&2 only
- (b) 2&3 only
- (c) 1&3 only
- (d) 1,2&3

**54. With reference to the Tawi River, consider the following statements:**

1. Tawi River is a left-bank tributary of the Chenab River.
2. The river originates in Himachal Pradesh and flows into the Ravi River.
3. It divides the city of Jammu into old and new towns.
4. The Tawi River is considered sacred and is referred to as "Surya Putri" in ancient texts.

**Which of the statements given above is/are correct?**

- (a) 1,2&3 only
- (b) 1,3&4 only
- (c) 2&4 only
- (d) 1,2,3&4

**55. With reference to Leptospirosis, consider the following statements:**

- 1. Leptospirosis is a zoonotic disease caused by a bacterium called Leptospira.
- 2. The disease can spread to humans through direct contact with the urine of infected animals.
- 3. It is more commonly found in cold and dry climates.
- 4. Both wild and domestic animals can act as carriers of this disease.

**Which of the statements given above is/are correct?**

- (a) 1&2 only
- (b) 1,2&4 only
- (c) 2,3&4 only
- (d) 1,3&4 only

**56. With reference to Candida tropicalis, consider the following statements:**

- 1. Candida tropicalis is a species of yeast that can act as a human pathogen.
- 2. It is commonly found in tropical and subtropical marine environments.
- 3. It is found only in marine ecosystems and not in human bodies or terrestrial environments.
- 4. It belongs to the Candida genus.

**Which of the statements given above are correct?**

- (a) 1,2&4 only
- (b) 1&3 only
- (c) 2&3 only
- (d) 1,2,3&4

**57. Consider the following statements regarding the Registrar General of India (RGI):**

- 1. The Registrar General of India works under the Ministry of Statistics and Programme Implementation.

- 2. The RGI is responsible for conducting the Census of India every ten years.
- 3. The RGI also implements the Registration of Births and Deaths Act, 1969.
- 4. The post of RGI is usually held by a civil servant of Joint Secretary rank.

**Which of the above statements are correct?**

- (a) 1,2&4 only
- (b) 1&3 only
- (c) 2&3 only
- (d) 1,2,3&4

**58. With reference to Evaporative Demand, consider the following statements:**

- 1. Evaporative demand measures how much water is actually evaporating from the land.
- 2. It depends on atmospheric conditions such as temperature, wind speed, humidity, and cloud cover.
- 3. High evaporative demand can be associated with droughts and increased risk of wildfires.

**Which of the above statements are correct?**

- (a) 1&2 only
- (b) 2&3 only
- (c) 1&3 only
- (d) 1,2&3

**59. With reference to India's first off-grid green hydrogen pilot plant, consider the following statements:**

- 1. The plant is located in Kutch, Gujarat.
- 2. It is developed by Adani New Industries Limited (ANIL).
- 3. An off-grid green hydrogen plant uses fossil fuels for hydrogen production.
- 4. The plant operates independently of the main electrical grid.

**Which of the above statements are correct?**

- (a) 1,2&4 only
- (b) 1&3 only
- (c) 2&3 only
- (d) 1,2,3&4



**60. With reference to Dravidogecko coonoor, recently discovered in India, consider the following statements:**

1. It is a newly discovered species of gecko found in the Coonoor Hills of the Upper Nilgiris.
2. It is found only in natural forest areas and avoids human habitats.
3. It is the only species of gecko endemic to the high elevation regions of the Western Ghats.
4. With its discovery, the total number of Dravidogecko species in the Western Ghats has increased to nine.

**Which of the above statements are correct?**

- (a) 1,3&4 only
- (b) 1&2 only
- (c) 2,3&4 only
- (d) 1,2&3 only

**61. With reference to the Nuvvuagittuq Greenstone Belt, consider the following statements:**

1. It is located in the Canadian province of Quebec.
2. The rocks found in this region are considered among the oldest on Earth.
3. It is younger than the Acasta Gneiss Complex.

**Which of the statements given above is/are correct?**

- (a) 1&2 only
- (b) 2&3 only
- (c) 1&3 only
- (d) 1,2&3 only

**62. With reference to the Kharai camel, consider the following statements:**

1. It is native to the state of Gujarat.
2. It has the unique ability to swim in seawater and feed on mangroves.
3. It has been traditionally preserved by the Rabari and Fakirani Jat communities.

**Which of the statements given above is/are correct?**

- (a) 1&2 only
- (b) 2&3 only
- (c) 1&3 only
- (d) 1,2&3 only

**63. Consider the following statements regarding Jellyfish:**

1. Jellyfish are marine organisms belonging to the phylum Cnidaria.
2. They exhibit radial symmetry, which helps them respond to stimuli from all directions.
3. Jellyfish are vertebrates known for their complex organ systems.
4. They move using a form of jet propulsion.

**Which of the statements given above are correct?**

- (a) 1,2&4 only
- (b) 1&3 only
- (c) 2&4 only
- (d) 1,2,3&4

**64. Consider the following statements regarding Silica Gel Desiccant:**

1. Silica gel is commonly used to remove excess moisture from the air.
2. It is composed primarily of silicon dioxide, the same compound found in sand and quartz.
3. Some types of silica gel contain a moisture-sensitive dye, such as cobalt chloride.
4. Silica gel is hydrophobic and repels water.

**Which of the statements given above are correct?**

- (a) 1,2&3 only
- (b) 1&4 only
- (c) 2&4 only
- (d) 1,2,3&4

**65. Consider the following statements regarding Botrytis cinerea:**

1. It is a necrotrophic fungal pathogen that feeds on dead or damaged plant tissues.
2. Botrytis cinerea primarily infects plants through healthy and young tissues only.
3. The fungus can cause rot and blight in various plant parts including fruits, stems, leaves, and bulbs.
4. The infection often begins on old flower petals and then spreads to healthy parts of the plant.

Which of the statements given above are correct?

- (a) 1,3&4 only
- (b) 1&2 only
- (c) 2,3&4 only
- (d) 1,2&3 only

66. Consider the following statements regarding Trachoma:

- 1. Trachoma is a bacterial eye infection caused by Chlamydia trachomatis.
- 2. It spreads through contact with infected individuals' eye or throat secretions.
- 3. The World Health Organization has classified Trachoma as a neglected tropical disease.
- 4. India was declared free from infectious Trachoma in 2017, but surveillance continued till 2024.

Which of the statements given above are correct?

- (a) 1,2,&3 only
- (b) 2,3&4 only
- (c) 1,3&4 only
- (d) 1,2,3&4

67. Consider the following statements regarding Kolhapuri Chappals:

- 1. Kolhapuri Chappals originated in Maharashtra and have a Geographical Indication (GI) tag.
- 2. These chappals are traditionally made from synthetic materials for durability.
- 3. The tanning of leather in Kolhapuri Chappals is done using vegetable dyes, making them free from allergens.
- 4. The original Kolhapuri Chappals date back to the 13th century and are handcrafted with intricate designs.

Which of the statements given above are correct?

- (a) 1,3&4 only
- (b) 1,2&4 only
- (c) 2&3 only
- (d) 1&4 only

68. Consider the following statements regarding Secondary Pollutants:

- 1. Secondary pollutants are not emitted directly but form in the atmosphere through chemical reactions.
- 2. Ozone and photochemical smog are examples of secondary pollutants.
- 3. Secondary pollutants are easier to control than primary pollutants because their sources are well known.
- 4. Secondary pollutants can form naturally and are responsible for problems like haze and smog.

Which of the statements given above are correct?

- (a) 1,2&4 only
- (b) 1&3 only
- (c) 2,3&4 only
- (d) 1,2,3&4