



Daily Current Affairs Prelims Quiz 28-09-2026

1. Consider the following statements regarding the 'Cool Leaders' initiative:

1. It was launched by UNFCCC.
2. The initiative seeks to recognise leadership in **sustainable cooling and heat resilience**.
3. The inaugural Cool Leaders included **Singapore, the United Arab Emirates and an industry leader**.
4. It focuses exclusively on increasing the use of air conditioners to address rising temperatures.

Which of the statements given above is/are correct?

- a. 1 and 2 only
- b. 2 and 3 only
- c. 2, 3 and 4 only
- d. 1, 2, 3 and 4

Answer : b

- **Statement 1 - Incorrect:** This initiative was launched by UNEP. The inaugural **Cool Leaders** awards were announced during the **Global Cooling Pledge Assembly 2026 in Singapore**. The Global Cooling Pledge was launched at **COP28 in 2023**.
- **Statement 2 - Correct:** The initiative recognises leadership in **sustainable cooling and protecting people from extreme heat**, linking cooling solutions with climate resilience.
- **Statement 3 - Correct:** The inaugural Cool Leaders were **Singapore, the United Arab Emirates**, and **Dong Mingzhu**, Chairwoman of Gree Electric Appliances.
- **Statement 4 - Incorrect:** The approach is **not limited to greater use of air conditioners**. It promotes passive cooling, energy-efficient technologies, climate-friendly refrigerants and other solutions that reduce energy consumption and greenhouse-gas emissions.

2. Consider the following statements regarding the Kalpasar Project:

1. It envisages the construction of a **freshwater reservoir in the Gulf of kutch** in Gujarat.
2. A major component of the project is the construction of a **dam across the Gulf**.
3. The project aims to address the water requirements of parts of **Saurashtra** and improve irrigation potential.

Which of the statements given above are correct?

- A. 1 and 2 only
 - B. 1, 2 and 3 only
 - C. 2 and 3 only
 - D. 1 and only
- a. 1 and 2 only
 - b. 1, 2 and 3 only
 - c. 2 and 3 only
 - d. 1 and only

Answer : c

- **Statement 1 - Incorrect:** The **Kalpasar Project** is a long-term water-resource project of Gujarat involving the creation of a **freshwater reservoir in the Gulf of Khambhat**.
- **Statement 2 - Correct:** A key proposal is to construct a **dam across the Gulf of Khambhat**, separating the proposed reservoir from the Arabian Sea.
- **Statement 3 - Correct:** One of its major objectives is to provide a reliable source of **freshwater for Saurashtra**, particularly for irrigation and drinking-water needs.
- **Statement 4 - Incorrect:** Although **tidal power generation** has been discussed in relation to the Gulf of Khambhat, it is **not the defining component of the Kalpasar Project**. The project is primarily associated with water storage and management.

3.Consider the following statements regarding Project Suncatcher:

1. It is a research initiative of **Google** exploring the use of solar-powered satellites for running AI computing infrastructure in space.
2. The project envisages using **Tensor Processing Units (TPUs)** aboard satellites for machine-learning workloads.
3. The proposed satellites would communicate with each other using **free-space optical/laser links**.
4. The project primarily aims to establish a network of **geostationary communication satellites** for providing broadband internet services.

Which of the statements given above is/are correct?

- a. 1 and 2 only
- b. 1, 2 and 3 only
- c. 2, 3 and 4 only
- d. 1, 2, 3 and 4

Answer : b



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- **Statement 1 - Correct:** Project Suncatcher is a Google research initiative exploring whether **space-based infrastructure can be used to scale machine-learning computation**. It envisages interconnected, solar-powered satellite constellations.
- **Statement 2 - Correct:** The concept involves placing Google's **Tensor Processing Units (TPUs)**—specialised AI accelerators—aboard satellites to perform machine-learning workloads in orbit.
- **Statement 3 - Correct:** Future satellite clusters are expected to use **high-bandwidth free-space optical links (lasers)** for inter-satellite communication.
- **Statement 4 - Incorrect:** Suncatcher is **not a geostationary broadband-internet project** like a conventional communications-satellite system. It explores **AI computation in space**, with the proposed architecture involving satellites in low Earth orbit.

4.Consider the following statements regarding the Travel & Tourism Development Index (TTDI) 2026:

1. The **Travel & Tourism Development Index (TTDI)** is released by the **World Economic Forum (WEF)**.
2. The index assesses factors and policies that enable the sustainable and resilient development of the travel and tourism sector.
3. In TTDI 2026, **India was ranked 31st** among 110 economies, with a score of **4.42 out of 7**.
4. The TTDI ranks countries exclusively on the basis of the **number of international tourist arrivals**.

Which of the statements given above is/are correct?

- a. 1 and 2 only

- b. 1, 2 and 3 only
- c. Both 1 and 2
- d. Neither 1 nor 2

Answer : b

- **Statement 1 - Correct:** The **Travel & Tourism Development Index (TTDI)** is published by the **World Economic Forum (WEF)**.
- **Statement 2 - Correct:** TTDI evaluates the factors and policies that create an enabling environment for the development of the travel and tourism sector, including aspects related to **infrastructure, enabling environment, sustainability and demand**.
- **Statement 3 - Correct:** According to the information given, **India secured 31st position among 110 economies**, with a score of **4.42/7** in TTDI 2026.
- **Statement 4 - Incorrect:** TTDI is **not based exclusively on tourist arrivals**. It uses a broader set of indicators covering the conditions that support tourism development, including infrastructure, business environment, natural and cultural resources, and sustainability-related factors.

Consider the following statements regarding the Council of Scientific and Industrial Research (CSIR):

1. The **Council of Scientific and Industrial Research (CSIR)** was established on **26 September 1942**.
2. The **Prime Minister of India** is the ex-officio President of CSIR.
3. CSIR functions under the **Ministry of Science and Technology**.
4. CSIR primarily undertakes research in **pure sciences** and has no mandate relating to industrial or applied research.

Which of the statements given above is/are correct?

- a. 1 and 2 only
- b. 1, 2 and 3 only
- c. 2, 3 and 4 only
- d. 1, 2, 3 and 4

Answer : b

- **Statement 1 - Correct:** CSIR was established on **26 September 1942**. Its foundation day is observed annually on this date.
- **Statement 2 - Correct:** The **Prime Minister of India** serves as the **ex-officio President of CSIR**.
- **Statement 3 - Correct:** CSIR is an autonomous organisation under the **Department of Scientific and Industrial Research (DSIR), Ministry of Science and Technology**.
- **Statement 4 - Incorrect:** CSIR is not restricted to pure science. Its mandate covers **scientific and industrial research**, including applied research, technological development, innovation and industrial applications.