



### Daily Current Affairs Prelims Quiz 20-11-2024 (Online Prelims Test)

1) Consider the following statements with respect to Exercise 'Sanyukt Vimochan, 2024'

1. It was conducted across multiple domains for the first time on such a large scale in the Eastern Theatre.
2. It is an integrated joint operations that involves Army, Navy and Air Force.

Which of the following statement (s) above mentioned is/are correct?

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

Answer : d

### Exercise 'Sanyukt Vimochan, 2024'

- Exercise 'Sanyukt Vimochan, 2024' is a **multilateral Annual Joint Humanitarian Assistance and Disaster Relief (HADR) Exercise**.
- It is **conducted by the Indian Army**.
- The exercise conducted by the Konark Corps of Southern Command of Indian Army, at Ahmedabad and Porbandar in **Gujarat**.
- It focuses on the theme of '*Cyclone in Coastal Region of Gujarat*'.
- The exercise includes representatives from:
  - National Disaster Management Authority (NDMA),
  - Gujarat State Disaster Management Authority (GSDMA) and
  - Meteorological Department and FICCI.
- The Multi-Agency Capability Demonstration featured various agencies practicing coordinated logistics, rapid response and effective disaster management strategies in a simulated cyclone scenario.

2) Barnawapara Wildlife Sanctuary, sometimes seen in the news recently, is situated at?

- a. Chhattisgarh
- b. Odisha
- c. Tamil Nadu
- d. Meghalaya

Answer : a

### Barnawapara Wildlife Sanctuary

- Barnawapara the name coined from village Bar and Nawapara.
- Barnawapara Wildlife Sanctuary located in the district **Raipur of Chhattisgarh**.

- The topography of the sanctuary is *plain and undulating terrain*.
- The rivers *Balmedhi, Jonk and Mahanadi* are the life line river which runs along the sanctuary to fulfill the water scarcity of the sanctuary.
- The annual rainfall is 1200 mm and the climate is pleasant during the winter season between the months of November to February.
- The sanctuary contains *major vegetation of Teak, Sal and Mixed forest*.
- The **Balar reservoir situated inside** the sanctuary supports number of wetland birds and fishes.
- This sanctuary promotes Ecotourism to create awareness to the public.

3) Consider the following statements with respect to Global Soil Conference, 2024

1. The conference aims to address various challenges, issues and concerns of soils and the latest technology developments in sustainable soil management.
2. It is organized by the Ministry of Agriculture & Farmers Welfare in in collaboration with International Union of Soil Sciences.

Which of the following statement (s) above mentioned is/are correct?

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

Answer : a

### Global Soil Conference, 2024

The Union Minister of Ministry of Agriculture & Farmers Welfare has recently addressed the Global Soil Conference, 2024.

- The conference aims to address various challenges, issues and concerns of soils and the latest technology developments in sustainable soil management.
- The conference is **organized by Indian Society of Soil Science** with International Union of Soil Sciences. (**Statement 2 is incorrect**)
- The conference aims to produce:
  - Global recommendations for sustainable soil management.
  - Enhanced international research partnerships.
  - Creation of a global network of soil scientists.
  - Greater public awareness of soil's importance beyond agriculture.
- **Theme** - "Caring soils beyond food security: Climate Change mitigation and Ecosystem Services".
- **Significance** - World population expected to reach 9.1 billion by 2050 (34% increase).
- 95% of food is produced directly/indirectly from soil.
- **Challenge** - Include soil degradation, nutrient mining, and declining soil health.
- **Current Status** - India produces 330 million tons of food grains annually.
- Generates USD 50 billion in export earnings and 30% of India's soil is degraded.
- Over 220 million Soil Health Cards distributed since 2015.
- **Key Concerns:**
  - Growing soil health crisis.
  - Chemical fertilizer dependence.
  - Need for sustainable land management.
  - Importance of reducing the gap between scientific research and farming practices.

4) Aphantasia, sometimes seen in the news recently, is associated with?

- a. It is a condition where people have limited ability to create visual imagery in their mind.
- b. A flowering plant found in the Eastern Ghats of Andhra Pradesh and Telangana.
- c. A disease caused by the bacteria *Rickettsia typhi*.
- d. A complex disorder made up of cardiovascular disease, kidney disease, obesity and Type 2 diabetes.

Answer : a

## Aphantasia

- Aphantasia is a condition where *people have limited or no ability to create visual imagery in their mind*.
- It affects approximately 2% of the population.
- The condition was first noted by Francis Galton in the **1880s** and term coined by neurologist Adam Zeman in 2015.
- People without aphantasia usually show strong neural activity in visual cortex when hearing sounds.
- People with aphantasia usually showed weaker neural responses in visual cortex.

5) Consider the following pairs:

<b>Terms in News</b>		<b>Countries</b>
1. Cooktown	-	Australia
2. Chancay	-	Brazil
3. Umiam Lake	-	India

How many of the pair(s) given above is/are correctly matched?

- a. Only one
- b. Only two
- c. All three
- d. None of the above

Answer : b

## Cooktown, Chancay & Umiam Lake

- **Cooktown** - It is situated in **Australia**.
- **Umiam Lake** - The Union Minister of Civil Aviation attended a Seaplane Demo launch at **Umiam Lake**, Ri Bhoi district of **Meghalaya**,
- **Chancay** - It is situated in **Peru**.
- The USD 3.6 billion Chinese-funded Chancay port project in Peru has raised the concerns of the USA.