

PRABHA IAS IPS COACHING ACADEMY



DAILY DOSE

CURRENT AFFAIRS – 03/07/2026

1. Borjuli Wetland

Recent - The Borjuli wetland in Assam, known for harbouring a wild rice species called *Oryza rufipogon*, has been notified as a Biodiversity Heritage Site (BHS).

Oryza rufipogon, is the progenitor of present-day cultivated rice, *Oryza sativa*. It is resistant to pests and diseases and can tolerate flooding and saline conditions, making it a valuable genetic resource for developing climate-resilient crop varieties.

2. Rung Community

Rung is an indigenous Tibeto-Burman tribe inhabiting high-altitude Dharchula region of Pithoragarh, Uttarakhand.

Though officially classified under 'Bhotiya' Scheduled Tribe, they maintain a distinct Rung identity.

They speak the Rangloh (Rongbo/Rongba) language, practise transhumance, follow nature worship, and celebrate the Hiyal harvest festival.

3. Antarctica's Blood Falls

Recent - Scientists have cracked the century-old mystery behind Antarctica's Blood Falls, a striking crimson waterfall flowing from the Taylor Glacier.

Blood Falls, first discovered in 1911 by Australian geologist Griffith Taylor, spills from the Taylor Glacier into Lake Bonney in Antarctica's McMurdo Dry Valleys.

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Scientists found that Blood Falls is formed by iron-rich brine trapped beneath the Taylor Glacier, and once this water is exposed to air, the dissolved iron reacts with oxygen to form iron oxides through a rusting process, producing the waterfall's dramatic reddish-brown hue.

4. Neurocysticercosis

Recent - A UK woman's discovery of 38 parasite cysts in her brain following a tapeworm infection has renewed global attention on neurocysticercosis.

Neurocysticercosis is a parasitic infection of the brain caused by the larval stage of the pork tapeworm (*Taenia solium*) and is a leading cause of acquired epilepsy in endemic regions.

Transmission & Symptoms: Infection occurs by ingesting tapeworm eggs through contaminated food, water, or poor hygiene. Larvae form cysts in the brain, which may remain asymptomatic for years before triggering seizures and other neurological symptoms due to inflammation.

5. High-Level Committee on Demographic Changes (TH):

Constituted by the Union Ministry of Home Affairs under retired Supreme Court judge PP Navlekar, following PM Modi's 'High-powered Demography Mission' announcement on Independence Day 2025.

It is mandated to scientifically assess demographic changes from 'illegal immigration and other abnormal reasons' and recommend a permanent mechanism for the legal, fair, and time-bound identification, detention, and deportation of illegal immigrants.

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DAILY PRACTICE QUESTIONS (03/07/2026)

Q1. Borjuli Wetland:

- 1 Assam BHS
- 2 *Oryza rufipogon* is progenitor of *O. sativa*
- 3 Flood & salinity tolerant.

A)1,2 B)2,3 C)1,2,3 D)1

Q2. Rung Community:

- 1 Tibeto-Burman
- 2 Uttarakhand
- 3 Ranglo language
- 4 Hiyal festival.

A)1,2 B)2,3 C)1,2,3 D)1,2,3,4

Q3. Blood Falls:

- 1 Taylor Glacier
- 2 Iron-rich brine oxidation
- 3 Lake Bonney.

A)1,2 B)2,3 C)1,3 D)1,2,3

Q4. Neurocysticercosis:

- 1 Larval *Taenia solium*
- 2 Acquired epilepsy

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3 Ingestion of eggs.

A)1,2 B)2,3 C)1,3 D)1,2,3

Q5. High-Level Committee on Demographic Changes:

1 MHA

2 Justice PP Navlekar

3 Illegal immigration mandate.

A)1,2 B)2,3 C)1,3 D)1,2,3

Answers

Q1 Answer: C – All correct.

Q2 Answer: D – All correct.

Q3 Answer: D – All correct.

Q4 Answer: D – All correct.

Q5 Answer: D – All correct.