

Prelim Bits 28-06-2017

Bilaspur-Manali-Leh Rail line

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- Recently final survey for Bilaspur-Manali-Leh Rail line has been launched.
 It is going to be one of the highest railway tracks in the world.
- It is laid at the height of 3,300 mt and 498-km long stretch will overtake China's Qinghai-Tibet Railway.
- Currently, the road route is open only for about five months in a year. Thus the rail line aimed at connecting Leh with the rest of the country through all weather rail line.
- \bullet The all-weather Leh rail network is one of the four important railway connectivities identified by the defence ministry along the China border. \n

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Bilaspur Manali Leh Railway line

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Swachh Rail Campaign

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 \bullet Under this campaign, Quality Council of India conducted its $3^{\rm rd}$ survey to rank railway stations.

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 Visakhapatnam railway station in Andhra Pradesh was rated the cleanest station among the 75 busiest stations in the country.

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• It is followed by Secunderabad, Jammu, Vijayawada.

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• It is based on the criteria such as toilets on platforms, management of tracks and dustbins.

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Salt Water Crocodiles

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• The Estuarine or salt water crocodiles are found in the eastern coast and Andaman & Nicobar Islands in India.

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• Bhitarkanika National park on the odisha coast houses 70% of India's salt water crocodiles.

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• Project Crocodile was launched by Government of India and UNDP to save the salt water crocodiles in Bhitarkanika.

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• Unlike other crocodiles, estuarine crocodiles lay eggs by creating a mound made of leaves of a particular mangrove species, which are plentifully available in Bhitarkanika.

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Crocodiles start laying eggs by mid-may, with an incubation period of 75 days.

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• Other Crocodile species in India: Mugger crocodile and Gharial Crocodile.

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Magnetic field in Uranus

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- Recently scientists have found that Uranus' magnetic field gets flipped on and off like a light switch everyday as the planet rotates.
- It is based on the data from NASA's Voyager 2 Spacecraft. \n
- \bullet Uranus magnetic field is lopsided and tilted 60 degrees from its axis. Thus it causes magnetic field to tumble asymmetrically to the solar winds. \n
- This is quite different from Earth's magnetosphere, since the alignment of Earth's magnetosphere is always toward the sun and it is one of the reason for Earth's auroras.

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