



# EXCEL CIVILS ACADEMY

## DAILY CURRENT AFFAIRS

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### EXPLANATION

1. A)b,

Indo-UK Naval Exercise, 'Konkan 2021' was recently held between INS Tabar and HMS Westminster in the English Channel. The Bilateral Konkan exercise is a naval exercise conducted between India and the United Kingdom. The Konkan series of exercises was started in 2004. Since then, the exercise is hosted in rotation by both the Navies and has grown in complexity, scale, and intensity.

2. A)d

3. A)d

Bharat Petroleum Corporation Limited (BPCL), has launched Urja, a virtual assistant with AI/NLP (Artificial Intelligence/Natural Language Processing) capabilities and trained on more than 600 use cases. In an effort to make BPCL's customer interface complete and digitally integrated, Urja, the chatbot is now available on the company's website for any questions. Urja speaks in 13 languages (English, Hindi, Tamil, Kannada, Malayalam, Telugu, Marathi, Gujarati, Oriya, Bengali, Punjabi, Urdu and Assamese).

4. A)a

Polio is a crippling and potentially deadly viral infectious disease that affects the nervous system.

There are three individual and immunologically distinct wild poliovirus strains:

Wild Poliovirus type 1 (WPV1)

Wild Poliovirus type 2 (WPV2)

Wild Poliovirus type 3 (WPV3)

There is no cure, but it can be prevented through immunisation.

5. A)b

The Ministry of Finance has launched it. The fund is expected to identify Indian enterprises with potential advantages, but which are currently underperforming or unable to tap their latent potential to grow.

Alternative Investment Fund

Anything alternative to traditional forms of investments gets categorized as alternative investments. In India, AIFs are defined in Regulation 2(1)(b) of SEBI (Alternative Investment Funds) Regulations, 2012. It refers to any privately pooled investment fund, (whether from Indian or foreign sources), in the form of a trust or a company or a body corporate or a Limited Liability Partnership (LLP), which are not presently covered by any Regulation of SEBI governing fund management nor coming under the direct regulation of any other sectoral regulators in India. Thus, the definition of AIFs includes venture Capital Fund, hedge funds, private equity funds, commodity funds, Debt Funds, infrastructure funds, etc.

6. A)c

He received the Nobel Prize in Physics (1983) alongside William A. Fowler for his theoretical studies of the physical processes of importance to the structure and evolution of the stars. The Chandrasekhar limit is also named after him. The concept gives the maximum mass of a stable white dwarf star. When a star like our Sun exhausts its nuclear fuel, it collapses into a compact, brilliant star known as a white dwarf.

7. A)c

India now has its highest altitude herbal park, which sits at a height of 11,000 feet near the Indo-China border in Uttarakhand's Chamoli district. The park has around 40 species found in high altitude alpine areas in the Himalayan region and other important medicinal herbs. It also has many plant species which are endangered and threatened as per the red list of the International Union for Conservation of Nature and also State Biodiversity Board. It includes many important medicinal herbs also. Medicinal plants have a great deal of importance for the country as these are not only a major resource base for India's herbal and medicine industry but support livelihood and ensure health security for a large segment of Indian population. According to National Medical Plants Board, AYUSH Ministry, roughly 1178 species of medicinal plants are estimated to be in trade. Of these, 242 species have annual consumption levels in excess of 100 metric tons/year.

8. A)a

The India Meteorological Department requires that temperatures should reach at least 40°C in the plains and at least 30°C in the hilly regions, and should reflect an increase of at least 5°C-6°C above the normal temperature to be classified as a heatwave.

9. A)a

Bhindawas Wildlife Sanctuary, the largest wetland in Haryana is a human-made freshwater wetland. Over 250 bird species use the sanctuary throughout the year as a resting and roosting site. The site

supports more than ten globally threatened species including the endangered Egyptian Vulture, Steppe Eagle, Pallas's Fish Eagle, and Black-bellied Tern.

10. A)d

The Wanchuwa festival is one of the most important celebrations in the life of the Tiwa tribe of Assam. About Tiwa Tribe Tiwa Tribe is a community that centers itself around a traditional form of agriculture. Also known as Lalung, this indigenous community is recognized as a Scheduled Tribe (ST) within the state of Assam. The Tiwa community is far removed from the noise and influence of urban chaos. The Tiwas practice Jhum or shifting cultivation.