

NEWSPAPER HIGHLIGHT

21 percentage of reptile species at risk of extinction according to the first major global assessment of the world's cold blooded creatures. At least 1,829 species of reptiles are either vulnerable, endangered or critically endangered, including more than half of the turtles and crocodiles, according to a study published in the journal Nature. The researchers assessed 10,196 reptile species and evaluated them using criteria from the International Union for Conservation of Nature (IUCN) Red List of threatened species.

80 percentage, surge in measles cases worldwide this year, the UN said, warning that the rise of the illness indicated that outbreaks of other diseases were likely on the way. The coronavirus pandemic has interrupted vaccination campaigns for non COVID diseases around the world, creating a "perfect storm" that could put millions of children's lives at risk, the UNICEF and the World Health Organization said in a statement. More than 17,300 measles cases were reported globally in January and February.

56 nations that have now signed a political commitment to push rules for the internet that are underpinned by democratic values. This comes at a time when the U.S. has accused Russia of wielding internet disruptions as a part of its escalating attacks on Ukraine. The commitment called the "Declaration for the Future of the Internet", protects human rights, promotes the free flow of information, protects user privacy, and sets rules for a growing global digital economy among steps to counter digital authoritarianism.

Over four lakh jobs were created in firms with 10 or more workers in nine selected sectors in October-December 2021, according to the Labour and Employment Ministry's third Quarterly Employment Survey (QES) report released on Thursday. The Ministry's establishment based survey, which covered 10,834 units in the third round, found employment had increased from 3.1 crore in July-September 2021 to 3.145 crore in the next quarter. The survey covered manufacturing, construction, trade, transport, education, health, accommodation and restaurants, IT/BPOs and financial services that accounted for 85% of the

DIGITAL INDIA RISC-V

1.India launches the Digital India RISC-V (DIR-V) program for next generation Microprocessors to achieve commercial silicon & Design wins by December, 2023. **Digital India RISC-V Microprocessor (DIR-V) Program aims to enable creation of Microprocessors for the future in India, for the world and achieve industry-grade silicon & Design wins by December'2023.** 2.DIR-V will see partnerships between Startups, Academia & Multinationals, to make India a RISC-V Talent Hub for the World, Supplier of RISC-V SoC (System on Chips) for Servers, Mobile devices, Automotive, IoT & Microcontrollers across the globe.

3.IIT Madras director Professor V Kamakoti will be the Chief Architect of the DIRV-Programme while C-DAC's S Krishnakumar Rao will be the Programme Manager. The blueprint of the roadmap of design and implementation of the DIR-V Programme was unveiled with SHAKTI Processor by IIT Madras and VEGA Processor by C-DAC.

4.Challenging the status quo, RISC-V Instruction Set Architecture (ISA) is witnessing a quantum leap and unprecedented levels of processor innovation.

KWAR HYDRO ELECTRIC PROJECT

1.The Cabinet Committee on Economic Affairs chaired by the Prime Minister has approved the investment for 540 Megawatt (MW) Kwar Hydro Electric Project located on river Chenab of Union Territory of Jammu and Kashmir. The project will be implemented by M/s. Chenab Valley Power Projects Private Limited (CVPP). [CVPP is a joint venture company between National Hydroelectric Power Corporation (NHPC) and Jammu & Kashmir State Power Development Corporation (JKSPDC) with equity contribution of 51% and 49% respectively.]

2.The Power generated from the Kwar Hydro Electric Project will help in balancing of Grid and will improve the power supply position. Chenab River The Chenab River in the northwestern India and northeastern and eastern Pakistan is also known as Chandrabhaga River. It originates from Baralacha Pass in Himachal Pradesh.

3.It is formed by the confluence of two streams, Chandra and Bhaga, in the western (Punjab) Himalayas in Himachal Pradesh. It flows west through Jammu and Kashmir between the steep cliffs of the Siwalik Range (south) and the Lesser Himalayas (north).

4.Turning southwest, it continues into Pakistan, descending from the uplands into the broad alluvial lowlands of Punjab province. After receiving the Jhelum River near Trimmu, the Chenab empties into the Sutlej River, a tributary of the Indus River.

BHU BHARA

1.'Bhu Bhara' is a term used in the Devi Bhagavata Purana. It symbolises the burden borne by Goddess Earth. **The 'Bhara,' burden, is not just any kind of physical heaviness; it is the subtle weight arising from adharma and selfishness.**

2.At the end of Dwapara Yuga when Kali Yuga is poised to take over, Mother Earth is unable to bear the tremendous pressure on her. Here it is shown that earth derives the power to sustain only through dharma. When dharma is overruled by adharma, the sustainability is lost. 3.Goddess Earth meets Indra and explains how the asuras such as Jarasandha, Kamsa, and others are steeped in selfishness and have failed to protect the people and the earth. This has increased her burden.

4.She is also terrified of her state as she foresees the advent of Kali in the near future when sin and adharma will thrive. She alludes to the time of early creation when the earth was not hard as it is today and was of a lighter consistency.

PRANAHITA RIVER

1.The mega river festival dedicated to worshipping the Pranahita river drew to a close on a grand note with hordes of devotees swarming Kaleshwaram. Pranahita River is the largest tributary

employment in units with 10 or more workers, the report said.

The Indian Computer Emergency Response Team (CERTIn) has made it mandatory for all service providers, intermediaries, data centre providers, corporates as well as government organisations to report cyber incidents within six hours of their detection. To strengthen India's overall cybersecurity position, the country's nodal cybersecurity agency has also issued additional directions relating to synchronisation of ICT system clocks, maintenance of logs of ICT systems and subscriber/customer registration details by data centres, virtual private server (VPS) providers, VPN service providers and cloud service providers.

The government is confident of resolving issues related to high spectrum pricing with the industry, Telecom Minister Ashwini Vaishnaw said on Thursday, adding that everything was "more or less" on track for auction of spectrum, including 5G airwaves, by June 2022. The commercial rollout of 5G services could be expected from August-September 2022, the Minister added.

Haryana's industrial sector including in the key hub of Manesar has been hit hard by a fortnight long power crisis. The State's Micro, Small and Medium Enterprises especially have been among the hardest hit, with long power outages also disrupting the supply of water to the industry, and making these units dependent on tankers to meet the demand.

In a step to redirect Russian wealth towards the rebuilding of Ukraine, some of whose cities have been decimated by sustained battering from invading Russian forces since the end of February, U.S. President Joe Biden announced he would propose that U.S.-based assets of Russian oligarchs be seized and directed towards Ukraine.

A new Global Security Initiative put forward by Chinese President Xi Jinping will look to counter the U.S. Indo-Pacific strategy and the Quad — the India, U.S., Australia, Japan grouping — according to Chinese officials.

Chief Justice of India (CJI) N.V. Ramana will chair the 39th Conference of the Chief Justices of High Courts, scheduled to be held on Friday after a gap of six years. The main topics of discussion would be strengthening the network and connectivity at court complexes pan India on a priority basis, human

of the Godavari.

2.This river acts as border between Telangana and Maharashtra. Origin - Thumbidihatti, Asifabad, Telangana. It begins at the confluence of 2 rivers - Wardha and Wainganga.

3.Outflow - Godavari River near Kaleshwaram States - Maharashtra, Telangana Kaleshwaram irrigation project, one of the two components of the redesigned Pranahita-Chevella project, was proposed across the Godavari after the tributaries - Pranahita and Indravati.

iRAD

1.Union Territory Adviser to the Administrator, has launched the Integrated Road Accident Database (iRAD) project in Chandigarh. iRAD is an initiative of the Ministry of Road Transport and Highways (MoRTH) and is funded by World Bank. **Proposed in 2019, the iRAD has an objective to improve road safety in the country. It is an initiative to capture relevant details about the accident prone areas throughout India.**

2.The details include causes of road accidents, road engineering defaults, negligences on the part of individuals, pattern in accidents and to form a strategy to reduce the number of accidents. The main idea behind it is to create a Centralised Accident Database to host and access all accident related data by various departments/ stakeholders. Working of iRAD - iRAD is a feedback based system.

3.Police, transport, road engineering/highway and health are stakeholders in this project. Every stakeholder and department has its defined work within the system. The police is responsible for visiting the spot, counting the number of accidents, etc., analysing the vehicle volume/pressure on a particular stretch is the task of the transport department.

4.Road engineering wing will look after the engineering faults responsible for accidents. Health department will maintain a record of casualties including fatal, non-fatal in road accidents. With iRAD, any investigation officer visiting the spot of an accident will enter all details in the app. The data will further be used by all concerned departments to analyse cause of accidents and formulation of strategies.

MARKETING MIX

1.The marketing mix refers to the set of actions, or tactics, that a company uses to promote its brand or product in the market. A marketing mix includes multiple areas of focus as part of a comprehensive marketing plan. A marketing mix often refers to E.

2.Jerome McCarthy's four Ps - Product, Price, Placement, and Promotion. However, nowadays, the marketing mix increasingly includes several other Ps like Packaging, Positioning, People and even Politics as vital mix elements. Importance - All the elements of the marketing mix influence each other.

3.They make up the business plan for a company and handled right, can give it great success. But handled wrong and the business could take years to recover. Marketing mix needs a lot of understanding, market research and consultation with several people, from users to trade to manufacturing and several others.

HEATWAVE

1.A region is considered to be under the grip of a heatwave if the maximum temperature reaches at least 40 degrees Celsius or more in the plains and at least 30 degrees Celsius or more in hilly regions. When the maximum temperature departure ranges between 4.5 and 6 degrees, the India Meteorological Department (IMD) declares a heatwave. A severe heatwave is declared when the recorded maximum temperature of a locality departure from normal is over 6.4 degrees Celsius. Also, if an area records over 45 degrees and 47 degrees Celsius on any given day, then the IMD declares heatwave and severe heatwave conditions, respectively.

2.Reasons why overall India is experiencing more heat waves are: Magnified effect of paved and concrete surfaces in urban areas and a lack of tree cover. Urban heat island effects can make ambient temperatures feel 3 to 4 degrees more than what they are. More heat waves were expected as globally temperatures had risen by an average 0.8 degrees in the past 100 years. Night-time temperatures are rising too.

3.Way ahead -Identifying heat hot-spots through appropriate tracking of meteorological data and promoting timely development and implementation of local Heat Action Plans with

resources and personnel policy needs at district courts, better infrastructure and capacity building, legal and institutional reforms and appointment of High Court judges.

With a number of global tech giants facing Competition Commission of India (CCI) probe for alleged anticompetitive practices, a key parliamentary panel on Thursday decided to summon representatives of Google, Amazon, Facebook, Twitter and others to examine their competitive behaviour.

strategic inter-agency co-ordination, and a response which targets the most vulnerable groups. Review of existing occupational health standards, labour laws and sectoral regulations for worker safety in relation to climatic conditions. Popularisation of simple design features such as shaded windows, underground water storage tanks and insulating housing materials.

4. The most heatwave prone areas — known as the Core Heatwave Zone (CHZ) are: Rajasthan, Punjab, Haryana, Chandigarh, Delhi, West Madhya Pradesh, Uttar Pradesh, Chhattisgarh, Orissa, Vidarbha in Maharashtra, parts of Gangetic West Bengal, Coastal Andhra Pradesh, and Telangana.