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Important News: International

"Education 4.0 Report" 2022, released by the World Economic Forum (WEF)

Why in News:

- The school-to-work (S2W) transition process in India continues to face significant challenges, and a lack of coordinated efforts has led to a different skill set. system that has not been able to reach its full potential, according to the report titled Education 4.0 Report 2022 published by the World Economic Forum (WEF).



key points:

- The Education 4.0 report shows how digital and other technologies can bridge learning gaps and make education accessible to all.
- The "Education 4.0 India" initiative has been launched by the World Economic Forum in partnership with the United Nations Children's Fund (UNICEF) and YuWaah (Generation Unlimited India).
- The Education 4.0 India initiative aims to bridge inequalities in access to education and improve education among Indian school children through the Fourth Industrial Revolution technology.
- The Education 4.0 report is based on four themes: Foundational Literacy and Numeracy, Teacher Professional Development, S2W Transition and Disjointed.
- According to the Education 4.0 report, India has over 60 million secondary and higher secondary students, yet only 85% of schools include vocational courses in their curriculum.
- According to the report, many students and parents prefer vocational education as the second-best alternative to mainstream education.
- There are also many government-run online education platforms and tools available for education in India, such as DIKSHA, ePathshala, SWAYAM and Samagra Shiksha Abhiyan etc.
- Earlier the government-run Padhe Bharat ("India Learns") campaign focused on improving reading proficiency among children to improve learning.

Source: The Hindu

Financing Platform Launched by IFC in response to Global Food Crisis

Why in News:

- In order to increase the ability of the private sector to boost production and lessen the global food crisis, the International Finance Corporation (IFC), the World Bank's private sector investment arm, has unveiled a new USD 6 billion lending facility.



Key Points:

- The new Global Food Security Platform, which will assist the trading of food commodities, the delivery of inputs to farmers, and effective food production in countries facing food crises, is responsible for providing the majority of the funds.
- The creative project spearheaded by IFC will also emphasize long-term action to strengthen the food ecosystem's resilience and lessen its impact on the environment and the climate.
- Investments in more effective agricultural production, better fertilizer access, cleaner fertilizer manufacture and use, decreased crop loss and food waste, increased supply chain efficiency, and decreased infrastructural bottlenecks are some long-term activities.
- It will make use of IFC's regional expertise in trade finance, manufacturing, infrastructure, and agribusiness.
- The cutting-edge platform run by IFC will endeavor to fulfil the World Bank's pledge of \$30 billion to address the food crisis.

Source: Indian Express

Important News: State

Chhattisgarh CM Bhupesh Baghel inaugurates Chhattisgarh Olympic

Why in News:

- The state's own Olympics has been inaugurated by Chhattisgarh Chief Minister Bhupesh Baghel.



key points:

- The aim of Chhattisgarh Olympics is to provide a central platform to the village level sports to inculcate a sense of pride for the culture.
- The event will run till January 6, 2023 and includes 14 types of traditional sports across different age groups in team and individual categories.
- The traditional sports competition of Chhattisgarh will be organized in group and single category.
- Sports that fall under the team category include Gilli-Danda, Pithul, Sankhali, Langdi-Dour, Kabaddi, Kho-Kho and Kancha, Similarly, sports under the individual category include Bilas, Fugdi, Gedi Race, Bhaura (Indian Spinning). top), 100 meters race and long jump.
- The Chhattisgarh Olympics will be organized at six levels, in which the first level will be at the rural level, the second at the zonal level, the third at the block/urban cluster level, the fourth at the district level, the fifth at the divisional level and finally the sixth at the state level.
- Chhattisgarh Olympics will be organized in three age group categories in which the first category is for the participants up to 18 years, the second category is for the participants below the age group of 18-40 years and finally the participants above 40 years of age.
- A rule book for Chhattisgarh Olympics has also been issued by the state government.

Source: Jansatta

Important News: Science & Tech

ISRO's Chandrayaan-2 spectrometer maps abundance of sodium on moon for first time

Why in News:

- According to the Indian Space Research Organization (ISRO), the X-ray spectrometer 'Class' of the Chandrayaan-2 orbiter has mapped the abundant sodium on the Moon for the first time.



key points:

- Earlier, the X-ray Fluorescence Spectrometer (C1XS) of Chandrayaan-1 had detected sodium in X-rays from its characteristic line, which has raised the possibility of mapping the amount of sodium on the Moon.
- The abundance of sodium was mapped for the first time in 'The Astrophysical Journal Letters' using the National Space Agency CLASS (Chandrayaan-2 Large Area Soft X-ray Spectrometer).
- Manufactured at ISRO's UR Rao Satellite Center in Bengaluru, KLASS offers the clean signature of the sodium line for its high sensitivity and performance.
- According to ISRO, part of the signal may be weakly bound to lunar particles by a thin veneer of sodium atoms, and these sodium atoms can be more easily ejected from the surface by the solar wind or ultraviolet radiation.
- According to ISRO, in the atmosphere of the Moon, there is a region which is so thin that the atoms there are rarely found.
- This region, called the 'exosphere', begins at the surface of the Moon and merges into interplanetary space for several thousand kilometers.
- The new findings from Chandrayaan-2 provide an opportunity to study surface-exosphere interactions on the Moon, which will aid in the development of similar models for mercury and other airless bodies in our solar system and beyond.

Source: The Hindu

Former Indian cricket MS Dhoni launches Made-in-India 'Droni' camera drone

Why in News:

- Made-in-India camera drone named 'Droni' with advanced features manufactured by Garuda Aerospace has been launched by former Indian Cricketer Mahendra Singh Dhoni.



key points:

- Dhoni is the brand ambassador of Garuda Aerospace, which offers drone solutions for agricultural pesticide spraying, solar panel cleaning, industrial pipeline inspection, mapping, surveys, public announcements and delivery services.
- The event held in Chennai also saw the launch of a new 'Kisan Drone' which is aimed at the agriculture sector, especially for spraying applications.
- This battery-operated drone is capable of spraying agricultural pesticides on 30 acres of land per day.
- The Global Drone Expo was attended by 1,500+ participants from 14 international drone companies and representatives from over 28 states and union territories, attracting investors, youth and stakeholders.
- Under this scheme, industry experts, farmers, dealers, distributors, people from the banking and insurance sectors, academia-financial institutions, government representatives, pilots and various investors will be provided information about the drone culture and various possibilities associated with the use of drones.

Source: Times of India

Important Days

IREDA celebrated "Cyber Awareness Day"

Why in News:

- With an aim to create cyber security awareness among all employees, "Cyber Awareness Day" has been organized by Indian Renewable Energy Development Agency Limited (IREDA).



key points:



- Cyber Awareness Day is an initiative launched by the Ministry of Home Affairs which requires all government organizations to spread cyber security awareness.
- Cyber Awareness Day will be organized on the first Wednesday of every month.
- The objective of Cyber Awareness Day is to create awareness and sensitize internet users to prevent cyber frauds and cybercrimes.
- Cybercrime, often known as computer crime, describes the use of computers for immoral activities like fraud, the distribution of child pornography, the theft of intellectual property, and invasions of privacy.
- India will require a strong cyber security policy that safeguards citizens, government systems, and the economic environment if it is to become a cyber-secure country.

Source: Business Standard

World Mental Health Day 2022

Why in News:

- World Mental Health Day is organized by the World Health Organization on 10 October every year.



key points:

- The theme of this year's World Mental Health Day 2022 is "Make mental health for all a global priority".
- World Mental Health Day was established in the year 1992 by the World Federation of Mental Health under the chairmanship of Richard Hunter.
- Under World Mental Health Day in 1994, the focus was on "improving the quality of mental health services in the world".
- On 10 October, organizations from around the world come together to celebrate World Mental Health Day in an effort to raise public awareness of mental health issues and organize support for people dealing with them.
- The goal of World Mental Health Day is to raise awareness of mental illness and have conversations about its significance.
- The World Health Organization (WHO) defines mental health as a state in which a person may achieve their full potential, manage everyday stressors, be productive, and give back to their community.
- The Indian Constitution's Article 21 has recognized the right to a healthy lifestyle as a basic one.

Source: Indian Express



World Post Day 2022

Why in News:

- World Post Day is celebrated every year on 9 October all over the world.



key points:

- World Post Day is celebrated annually to commemorate the date of establishment of Universal Postal Union (UPU).
- The theme of World Post Day 2022 is 'Post for Planet'.
- Universal Postal Union (UPU) was started in the year 1874 in Switzerland, and World Post Day was started in 1969 by the UPU Congress in Tokyo, Japan.
- The world's first official airmail flight took place in India on February 18, 1911.
- The Indian Post Office Act 1898 in India was passed by the legislature on March 22, 1898, which came into force on July 1, 1898.
- In independent India, the first official postage stamp was issued on November 21, 1947.
- The first postage stamp of independent India depicted the Indian flag with the slogan 'Jai Hind' of the patriots.
- According to the United Nations overview page, World Post Day is celebrated in different ways by more than 150 countries.

Source: Hindustan Times