

Daily Current Affairs 09.06.2022

Important News: International

MoU between India and United Arab Emirates (UAE)

Why in News:

- The Union Cabinet has approved a bilateral Memorandum of Understanding between India and the United Arab Emirates (UAE) on cooperation in the field of industry and developed technologies.



key points:

- A bilateral "Comprehensive Economic Partnership Agreement" (CEPA) was signed by India and the United Arab Emirates on 18 February 2022.
- The agreement aims to increase trade between India and the United Arab Emirates from US\$ 60 billion (Rs 4.57 lakh crore) to \$100 billion (Rs 7.63 lakh crore) over the next five years.
- The MoU signed between India and the United Arab Emirates (UAE) aims to strengthen and develop industries in both countries through investment, technology transfer, and deployment of key technologies in the industries, which can help create jobs in the economy.
- The United Arab Emirates is India's second-largest exporter (after the US) and also the eighth largest investor in India with an estimated investment of US\$18 billion (Rs 1.37 lakh crore).

Source: The Hindu

Important News: India

NABL Accreditation for AYUSH Institute

Why in News:

- The Department of Biochemistry and Pathology, National Research Institute of Ayurveda (NARIP), Cheruthuruthi, Thrissur, Kerala has been awarded NABL M(EL)T Accreditation for clinical laboratory services for Panchakarma.



key points:

- It is the first institute under CCRAS to get NABL accreditation for its clinical laboratory services.
- Laboratory accreditation is a process through which an authoritative body grants formal recognition of technical competence for specific tests/measurements based on third-party evaluation and following international standards.
- The certification is granted by the National Accreditation Board for Testing and Calibration Laboratories (a statutory board of the Quality Council of India).

- Its objective is to provide quality healthcare to the citizens especially those living in villages, and small towns.

Source: The Hindu

New Guinness World Record created by the National Highways Authority of India (NHAI)

Why in News:

- The National Highways Authority of India (NHAI) has created a new Guinness World Record by laying 75 km of bituminous concrete in a single lane on NH53 in 105 hours 33 minutes.



key points:

- The total length of the single-lane continuous bituminous concrete road is 75 km equivalent to 37.5 km of two-lane paved shoulder road.
- Worked continuously for 4 days with 720 workers including a team of independent consultants to complete the project.

- Earlier, the Guinness World Record for continuous bituminous laying for the longest 25.275 km road was achieved in February 2019 in Doha, Qatar, which took 10 days to complete.
- NH 53, located in the Amravati to Akola section, is an important corridor connecting major cities like Kolkata, Raipur, Nagpur, and Surat.

Source: PIB

Important News: Agriculture

Minimum Support Price (MSP) of Kharif crops for the marketing season 2022-23

Why in News:

- The Cabinet Committee on Economic Affairs (CCEA) chaired by Prime Minister Shri Narendra Modi has approved the increase in Minimum Support Price (MSP) of all mandated Kharif crops for the marketing season 2022-23.



key points:

- The main goal of the new MSP prices is to encourage farmers to adopt the best technology and farming practices while taking them to the extended area under these crops.

Crop	MSP 2014-15	MSP 2021-22	MSP 2022-23
Paddy (Common)	1360	1940	2040
Paddy (Grade A)	1400	1960	2060
Jowar (Hybrid)	1530	2738	2970
Jowar (Maldandi)	1550	2758	2990
Bajra	1250	2250	2350
Ragi	1550	3377	3578
Maize	1310	1870	1962
Tur (Arhar)	4350	6300	6600
Moong	4600	7275	7755
Urad	4350	6300	6600
Groundnut	4000	5550	5850
Sunflower Seed	3750	6015	6400
Soyabean (yellow)	2560	3950	4300
Sesamum	4600	7307	7830
Nigerseed	3600	6930	7287
Cotton (Medium Staple)	3750	5726	6080
Cotton (Long Staple)	4050	6025	6380

Source: PIB

Important News: Polity

Chief of Defense Staff (CDS)

Why in News:

- The CDS eligibility has been amended by the government under which serving or retired three-star army lieutenant generals, air marshals, and vice admirals can also be appointed for this post.



key points:

- Three separate notifications have been issued by the Defense Ministry amending the rules of the Army, Navy, and Air Force for the appointment of the next Chief of Defense Staff (CDS).
- As per the notifications issued, three-star officers serving in the Army, Air Marshals in the Air Force, Vice-Admirals in the Navy, or retired service chiefs or three-star officers, if deemed so, shall be appointed as Chiefs of Defense Staff. can be appointed. necessary in the public interest. Is.
- As per the notification released at present, the maximum age limit for the appointment of CDS has been fixed at 65 years.

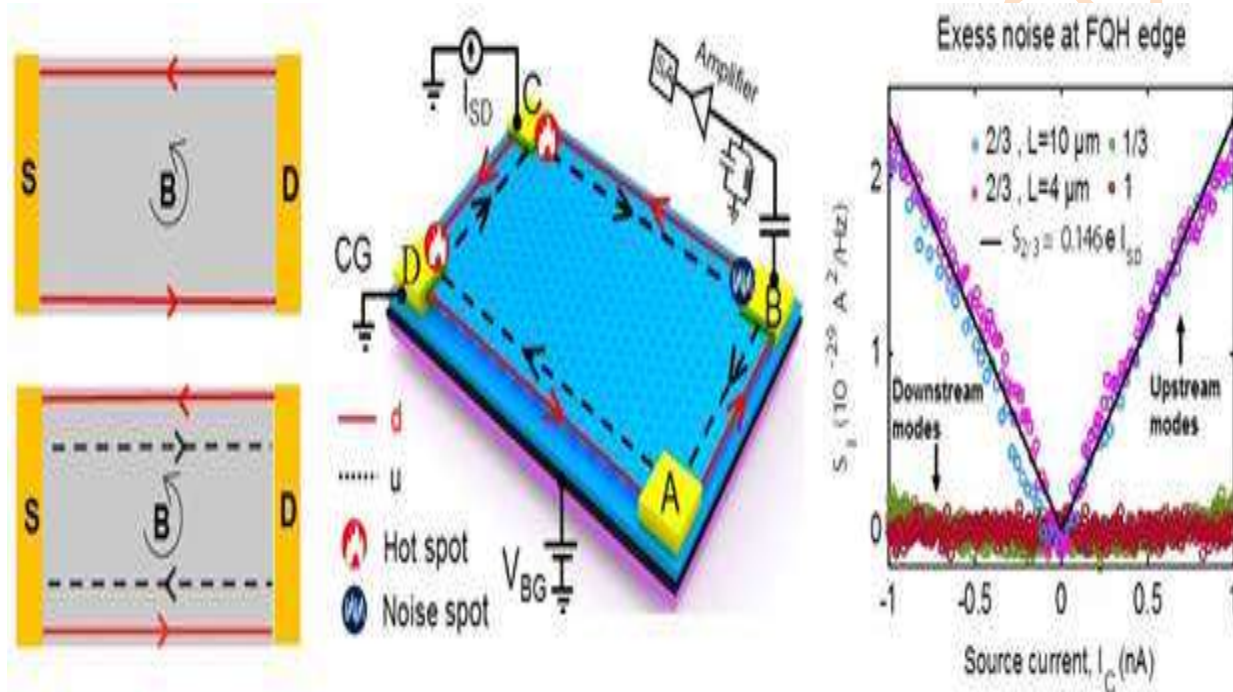
Source: Indian Express

Important News: Science & Technology

Neutral electron flow found in graphene

Why in News:

- In graphene, physicists have detected two-layered counter-propagation channels in which some neutral quasiparticles move in opposite directions, breaking conventional norms, and making future quantum calculations possible.



key points:

- When a strong magnetic field is applied to a 2D material or gas, some electrons at the interface, in contrast to the electrons moving around in the group, are free to move along the edges called edge modes or channels. To an extent, highways are limited in lanes. This phenomenon of particles is called the quantum Hall effect.
- However, for conventional electrons, the current only flows in one direction which is determined by the magnetic field ('downstream').

- To detect these modes or channels, the team of physicists used a new method employing electrical noise—a fluctuation in the output signal due to heat dissipation. Electricity doesn't flow.

Source: PIB

Important News: Sports

Para Shooting World Cup Held in Chatillon, France

Why in News:

- India's shooter Avani Lekhara has won the gold medal with a record score in the Para Shooting World Cup held in Chatillon, France.



key points:

- With this medal, Avani has also qualified for the 2024 Paris Paralympic Games by breaking her own world record of 249.6.

- Avani created a new world record in the women's 10m Air Rifle SH-1 event with a score of 250.6.
- Earlier, India's shooter Avani Lekhara also won a gold medal at the Tokyo Paralympic Games.
- In rifle competition, the SH-1 class is for athletes who have a low body mass.

Source: News on Air

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