

# August माह के 100+ महत्वपूर्ण करेंट अफेयर्स प्रश्नों की PDF



1.भारत सरकार ने मछली पकड़ने की सुविधा का विस्तार करने हेतु किस देश के साथ 18 मिलियन अमेरिकी डॉलर लाइन ऑफ क्रेडिट का विस्तार किया है?

- A. श्रीलंका
- B. मालदीव
- C. बांग्लादेश
- D. म्यांमार

Ans. B

Sol.

- The Government of India has extended Line of Credit of worth 18 million USD to Maldives to expand fishing facilities at Maldives Industrial Fisheries Company (MIFCO).
- The funds granted to Maldives are to be used for the following
  - To develop 50-tonne ice plant in Gemanafushi. Also, a 100-tonne ice storage facility is to be developed
  - The funds will be used to set up tuna cooked plant and fishmeal plant
  - Investments towards fish collection
  - The above projects will help Maldives to increase fish collection and storage capacity. It will help the country acquire new markets in the fisheries sector.

2.भारत का पहला हिम तेंदुआ संरक्षण केंद्र किस राज्य में विकसित किया गया है?

- A. हिमाचल प्रदेश
- B. अरुणाचल प्रदेश
- C. उत्तराखंड
- D. सिक्किम

Ans. C

Sol.

- The Uttarakhand State Government is to develop India's first Snow Leopard Conservation centre of India. The centre is

to be developed by the Uttarakhand forest department and the United Nations Development Programme (UNDP).

- The main aim of the centre is to conserve and restore Himalayan ecosystems. It also aims to conserve elusive snow leopards and other endangered Himalayan species.
- A number of snow leopards have been spotted in the districts of Pithoragarh and Uttarkashi. However, the actual figures are unknown.
- So far, the state government has concluded that there are 86 snow leopards in the state.

3.किसे भारत के नए नियंत्रक एवं महालेखा परीक्षक (CAG) के रूप में नियुक्त किया गया है?

- A. मनोज सिन्हा
- B. हार्दिक सतीशचंद्र
- C. गिरीश चंद्र मुर्मू
- D. अरुण कुमार

Ans. C

Sol.

- Former Jammu and Kashmir Lt Governor, Girish Chandra Murmu has been appointed as the new Comptroller and Auditor General (CAG) of India. He is the 14th CAG of India.
- He will assume office on 8 August 2020. He will replace Rajiv Mehrishi, a 1978 batch IAS officer of the Rajasthan cadre, as the CAG.
- Murmu, a 1985 batch IAS officer of the Gujarat cadre, was the first Lt Governor of the Union Territory of Jammu & Kashmir.
- He was Principal Secretary to Narendra Modi when he was Chief Minister of Gujarat.



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4. मुकेश अंबानी की अगुवाई वाली रिलायंस इंडस्ट्रीज की "फ्यूचरब्रांड इंडेक्स 2020" में क्या रैंक है?

- A. पहली
- B. दूसरी
- C. तीसरी
- D. चौथी

Ans. B

Sol.

- Mukesh Ambani-led oil-to-telecom conglomerate Reliance Industries has been ranked the second biggest brand after Apple on the FutureBrand Index 2020.
- It is the only Indian Company in the Top 10 and Second Indian organisation on the ranking.
- In the Future Brand Index 2020 Samsung is ranked 3rd followed by Nvidia, Moutai, Nike, Microsoft, ASML, PayPal and Netflix in the top 10.
- Tata is ranked 65 for its technology business.
- The index looks at PwC's Global Top 100 Companies by Market Cap and reorders them according to global perception strength rather than on financial strength. Reliance ranked 91 on PwC's 2020 list.

5. मंत्रिमंडल की नियुक्ति समिति (ACC), भारत सरकार (GoI) ने, अजय त्यागी के कार्यकाल के एक और विस्तार को निम्नलिखित में से किस संगठन के अध्यक्ष के रूप में मंजूरी दी है?

- A. भारतीय बीमा नियामक और विकास प्राधिकरण (IRDAI)
- B. भारतीय प्रतिभूति और विनियम बोर्ड (SEBI)
- C. पेंशन फंड नियामक और विकास प्राधिकरण (PFRDA)
- D. बॉम्बे स्टॉक एक्सचेंज (BSE)

Ans. B

Sol.

• Ajay Tyagi, Chairman of the Securities and Exchange Board of India (Sebi), has been given an extension for another 18 months to ensure policy continuity and stability amid the Covid-19 pandemic.

• The Appointments Committee of the Cabinet, headed by Prime Minister Narendra Modi, has approved extension of Tyagi's term until February 28, 2022. His tenure would otherwise have ended at the end of this month.

• In 2017, the government had initially appointed Tyagi for five years as Sebi chief, but suddenly it was cut to three years. With this second extension, he will be at the helm for five years.

• He would also have the third-longest tenure at the helm of the regulatory body, after DR Mehta and UK Sinha.

6. भारतीय क्रिकेटर्स की किस जोड़ी को विन ट्रेड फैंटसी (WTF) स्पोर्ट्स के ग्लोबल ब्रांड एंबेसडर के रूप में नियुक्त किया गया था?

- A. सुरेश रैना और हरमनप्रीत कौर
- B. रोहित शर्मा और स्मृति मंधाना
- C. रविंद्र जडेजा और पुनम यादव
- D. विराट कोहली और मिताली राज

Ans. A

Sol.

• Indian middle-order batsman Suresh Raina & Indian women's team captain (T20I) Harmanpreet Kaur were appointed as Global brand ambassadors of Win Trade Fantasy (WTF) Sports.

• In addition to this, Suresh Raina has also joined the brand as Strategic Partner.

• World Trade Fantasy (WTF) Sports is a fantasy sports gaming platform, which was



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formally launched in India and other parts of the world on 6th August, 2020.

7. भारतीय रेलवे द्वारा लॉन्च किए गए निरीक्षण ऐप का नाम बताएं जो तकनीकी खराबी के कारण ट्रेन की देरी और लंबी प्रतीक्षा को कम करने में मदद करेगा?

- A. ओवरहेड इक्विपमेंट (OHE)
- B. नोटिफाईमी
- C. ट्रैकमी
- D. मौसम

Ans. A

Sol.

- Indian Railways has launched an Overhead Equipment (OHE) Inspection app which will help in minimizing the train delays and long waits due to technical snags.
- The app has been rolled out on a Pan India basis.
- The Overhead Equipment (OHE) app will monitor the overhead wire in real-time and if there are any defects in it, it will alert the Indian Railways.
- Global Positioning System (GPS) based tracking of the patrolman.
- Real time capturing of Overhead Equipment defects and provision of taking Photographs.

8. किस राज्य सरकार ने महिलाओं और बच्चों को फोर्टिफाइड फ्लेवर्ड स्किम्ड मिल्क पाउडर उपलब्ध कराने हेतु "मुख्यमंत्री दूध उपहार योजना" शुरू की है?

- A. राजस्थान
- B. उत्तर प्रदेश
- C. हरियाणा
- D. उत्तराखंड

Ans. C

Sol.

- In order to give a major boost to the "Beti Bachao, Beti Padhao" campaign, on August 5, 2020, the state government of Haryana has launched the scheme "Mukhya Mantri Doodh Uphar Yojana" to provide fortified flavoured skimmed milk powder to women and children
- This scheme was launched by Haryana Chief Minister Manohar Lal Khattar through video conferencing.
- This scheme was initiated under the aegis of Integrated Child Development Scheme (ICDS), a Centrally Sponsored Scheme (CSS), implemented by the Ministry of Women and Child Development (MoWCD).
- The objective of the scheme is to address the problem of anaemia and malnutrition among state's women and children.

9. जम्मू और कश्मीर के उपराज्यपाल (एलजी) के रूप में किसे नियुक्त किया गया है?

- A. गिरीश चंद्र मुर्मू
- B. आर. के. माथुर
- C. सत्य पाल मलिक
- D. मनोज सिन्हा

Ans. D

Sol.

- \* Manoj Sinha has been appointed as the Lieutenant Governor of Jammu and Kashmir.
- \* He will succeed Girish Chandra Murmu, who resigned recently
- \* Manoj Sinha has represented the parliamentary constituency of Ghazipur in eastern Uttar Pradesh thrice in the Lok Sabha.



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\* He also served as Communication Minister as well as Minister of state for Railways.

\* Jammu and Kashmir was converted into Union Territory after President abolished Article 370 of Indian Constitution and gave assent to the Jammu and Kashmir Reorganization Act, 2019

\* The act re-constituted state of J and K as two union territories: 'Jammu and Kashmir' and 'Ladakh', with effect from 31 October 2019

10. तेंदू के पत्ते के संग्राहकों के लिए किस राज्य सरकार ने “शहीद महेंद्र कर्मा तेंदूपत्ता संघर्ष समाजिक सुरक्षा योजना” शुरू की है?

- A. झारखंड
- B. बिहार
- C. ओडिशा
- D. छत्तीसगढ़

Ans. D

Sol.

• Chhattisgarh Chief Minister (CM) Bhupesh Baghel launched a social security scheme namely “Shaheed Mahendra Karma Tendupatta Sangraha Samajik Suraksha Yojana” for tendu leaves collectors in the state covering over 12 lakh families, mostly tribals and forest dwellers.

• Used for making bidis (leaf-wrapped cigarettes), these are collected by forest dwellers and from them it is purchased by the state government.

• Mahendra Karma was popularly known as Bastar tiger for his tough stand against Naxals.

• He was among 29 people, including senior Congress leaders, who were killed in a Naxal attack in Jhiram valley of Bastar district on May 25, 2013.

11. अंतर्राष्ट्रीय खुदरा व्यापार पर योजनाओं के विकास हेतु अंतर्राष्ट्रीय वित्तीय सेवा केंद्र प्राधिकरण द्वारा गठित 7-सदस्यीय समिति का प्रमुख कौन है?

- A. इंजेती श्रीनिवास
- B. सिद्धार्थ सेनगुप्ता
- C. प्रदीप शाह
- D. दीपेश शाह

Ans. C

Sol.

\* International Financial Services Centre Authority (IFSCA) has constituted 7-member expert committee to formulate plans for development of international retail business

\* It will be chaired by Pradip Shah (Chairman of Indasia Fund Pvt Ltd)

\* The committee will make strategies enhancing IFSC position for international financial services drawing a roadmap for the growth of international retail at the IFSC

\* The report will be submitted in 3 months

\* Other members of the committee are: G.Srinivasan, Siddhartha Sengupta, Shyamal Mukherjee, Prakash Subramanian, Dipesh Shah, and Nitin Jaiswal

12. ब्रिक्स पर्यावरण मंत्रियों की बैठक का 6वां संस्करण किसकी अध्यक्षता में आयोजित किया गया था?

- A. चीन
- B. भारत
- C. ब्राजील
- D. रूस

Ans. D

Sol.

\* The 6th edition of BRICS Environment Ministers' Meeting was held under the Presidency of Russia through video conferencing



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- \* The meeting observed the the adoption of BRICS Environment Ministers' Statement by the BRICS nations
- \* BRICS stands for Brazil, Russia, India, China & South Africa
- \* India was represented by Union Environment Minister Prakash Javadekar in the meet
- \* Environment Minister of all the member nations were present in the meeting

13. हाल ही में निम्नलिखित में से किस चैनल को सूचना एवं प्रसारण मंत्री प्रकाश जावड़ेकर ने लॉन्च किया है?

- A. डीडी उड़ीसा
- B. स्वयं प्रभा
- C. डीडी असम
- D. दीक्षा टीवी चैनल

Ans. C

Sol.

- \* Minister of Information and Broadcasting Prakash Javadekar has launched 'DD Assam' channel virtually
- \* It is a 24 x 7 satellite channel which will work on the message of unity in diversity
- \* The channel will showcase rich history of Assam and other north East States.
- \* It will also help the people of the region to get messages, initiatives and programmes of the government to the grassroots
- \* SWAYAMPrabha: NCERT educational channel

14. किस भारतीय प्रौद्योगिकी संस्थान ने आर्टिफिशियल इंटेलिजेंस (AI) और मशीन लर्निंग (ML) तकनीक विकसित करने हेतु रक्षा मंत्रालय (MoD) और प्रशासनिक सुधार एवं लोक शिकायत

विभाग (DAR & PG) के साथ एक त्रिपक्षीय समझौता किया है?

- A. आईआईटी-मद्रास
- B. आईआईटी-कानपुर
- C. आईआईटी-बॉम्बे
- D. आईआईटी-दिल्ली

Ans. B

Sol.

- A Tripartite Memorandum of Understanding (MoU) was signed between IIT Kanpur, Ministry of Defence (MoD) and Department of Administrative Reforms & Public grievances (DAR & PG) to develop Artificial Intelligence (AI) and Machine Learning (ML) Techniques
- The MoU was to conduct exploratory and predictive analysis of Public Grievances received on the web based Centralized Public Grievances Redress & Monitoring System (CPGRAMS) pertaining to the MoD.
- The project will help the Ministry of Defence to take corrective measures in time, before a problem becomes large.

15. केंद्रीय शिक्षा मंत्री रमेश पोखरियाल निशंक ने भारतीय प्रबंधन संस्थान (IIM) सिरमौर, धौला कुआँ की आधारशिला किस राज्य में रखी है?

- A. दिल्ली
- B. उत्तराखंड
- C. हिमाचल प्रदेश
- D. हरियाणा

Ans. C

Sol.

- The foundation stone of Indian Institute of Management Sirmour, or IIM Sirmour, has been laid down in Dhaulakuan, Himachal Pradesh by the Union Education Minister Ramesh Pokhriyal 'Nishank'.



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- IIM Sirmaur was operationalised by IIM Lucknow from August 2015 as the mentor Institution with the commencement of the first batch of post graduate programme for 20 students from its temporary campus at Paonta Sahib, Sirmaur, Himachal Pradesh.
- The complete full-fledged permanent campus at Dhaulakuan has been envisaged for a student strength of 1170. The Union Government has sanctioned an amount of Rs 531.75 Crore out of which Rs 392.51 Crore is for construction works.

16."विशेष: कोड टू विन" नामक पुस्तक को किसने लिखा है?

- A. कादंबरी मुरली
- B. निरुपमा यादव
- C. महेंद्र सिंह धोनी
- D. सुनील छेत्री

Ans. B

Sol.

- The book, titled "Vishesh: Code To Win", has been written by sportswoman-turned-author Nirupama Yadav and published by the publishing house Bluerose.
- The book is set to be released on August 29, the National Sports Day.
- The book narrates the inspirational story on the life of Vishesh Bhriguvanshi, India's youngest basketball team captain.
- The book narrates the mindset of a basketball player in a cricket-dominated nation and brings to light the strenuous journey of the 29-year-old Bhriguvanshi, for becoming the captain against all odds.

17.श्रम पर संसदीय समिति की सिफारिश के अनुसार किसी कर्मचारी को उसके रोजगार की समाप्ति पर

देय ग्रेच्युटी के लिए न्यूनतम पात्रता अवधि कितनी है?

- A. एक साल
- B. दो वर्ष
- C. तीन वर्ष
- D. चार साल

Ans. A

Sol.

- Parliamentary Committee on Labour has, in its latest report, recommended that the eligibility period for gratuity payable to an employee on termination of his employment should be reduced to one year from the present provision of five years.
- The Committee made this recommendation in its report on Social Security Code, which has been evolved subsuming nine Central Labour laws.
- The committee, which is headed by Biju Janta Dal MP Bharatruhari Mahtab, submitted the report to Speaker Om Birla.
- It has further recommended that this facility be extended to all kinds of employees, including contract labourers, seasonal workers, piece rate workers and fixed term employees and daily/monthly wage workers.

18.कक्षा छठी से ग्यारहवीं तक के स्कूली छात्रों के बीच विज्ञान को लोकप्रिय बनाने हेतु राष्ट्रीय स्तर का कार्यक्रम "विद्यार्थी विज्ञान मंथन 2020-21" किसने शुरू किया है?

- A. डॉ. हर्षवर्धन
- B. रमेश पोखरियाल निशंक
- C. नरेंद्र मोदी
- D. रविशंकर प्रसाद

Ans. A

Sol.



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- Union Minister for Ministry of Science and Technology Dr. Harsh Vardhan launched Vidyarthi Vigyan Manthan 2020-21. VVM is a national level programme for popularizing science among school students of class sixth to Eleventh.
- Vidyarthi Vigyan Manthan is an initiative of Vijnana Bharathi (VIBHA) in collaboration with Vigyan Prasar, Government of India and National Council of Educational Research and Training (NCERT).
- It is India's largest Science talent search examination for New India using Digital Devices.
- The exam is conducted at national level and it can be attended online through laptop, PC or even smartphones.

19. ब्रिटिश ग्रांड प्रिक्स (GP) 2020 किसने जीता?

- A. मैक्स वर्स्टेप्पन
- B. लुईस हैमिल्टन
- C. वाल्टेरी बोटास
- D. कार्लोस सैंज

Ans. B

Sol.

- Formula One Champion Mercedes Lewis Hamilton (British) won British Grand Prix (GP) 2020.
- It is officially known as the Formula 1 Pirelli British Grand Prix 2020
- The tournament was held at the Silverstone Circuit in Silverstone, United Kingdom(UK).
- This is his 7th time to win this title. He is the only racer to win most in British GP.
- Lewis Hamilton won this title despite a puncture on his last lap. He is a six-time Formula One World Champion.

- With this victory, Lewis Hamilton won 87 GP and is 4 short of Ferrari Michael Schumacher's all-time record of 91

20. निम्नलिखित में से किस संस्थान ने वायरस के प्रसार को रोककर या कम करके COVID -19 का मुकाबला करने हेतु मेडिकल बेड आइसोलेशन सिस्टम 'आश्रय' विकसित किया है?

- A. रक्षा प्रौद्योगिकी संस्थान (DIAT)
- B. केंद्रीय वैज्ञानिक उपकरण संगठन (CSIO)
- C. AMESYS इंडिया
- D. इंडियन एसोसिएशन फॉर द कल्टिवेशन ऑफ साइंस, कोलकाता

Ans. A

Sol.

- Defence Institute of Advanced Technology (DIAT) has developed 'Aashray', a medical bed isolation system to combat COVID-19 by preventing or minimising the spread of the virus.
- This medical bed isolation system developed by Defence Institute of Advanced Technology, (DIAT) is a low cost, reusable solution to maintain proper isolation of COVID-19 patients by creating a suction or negative pressure near exhale, further filtering and disinfecting the aerosol.
- As per prototype manufacturer, the cost of the setup for a unit of 10 beds is Rs 1 lakh approximately and for home, the quarantine will be around Rs 15,000 for a single bed.
- The bed isolation system envelopes are made up of specialised material and manufacturing process with transparent and translucent supported on medical grade materials structure.



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21. "सियासत में सदस्यता" नामक पुस्तक के लेखक कौन हैं?

- A. नीतीश कुमार
- B. सुशील मोदी
- C. विजय कुमार चौधरी
- D. रविशंकर प्रसाद

Ans. C

Sol.

- The book titled "Siyasat Mein Sadasyata" authored by Bihar Assembly Speaker Vijay Kumar Choudhary.
- The book is a compilation of the author's views, three dozen articles on different important issues and his life journey.
- The book was published by Bihar Assembly Secretariat.
- The Book was released by Bihar Chief Minister, Nitish Kumar.
- The book has described various other important activities of assembly like successful completion of 6th Commonwealth Parliamentary Association (CPA) India Region among others.

22. किस भारतीय प्रौद्योगिकी संस्थान (IIT) ने हेल्थकेयर स्टार्टअप Helyxon के सहयोग से COVID -19 से संक्रमित रोगियों सहित रोगियों के महत्वपूर्ण संकेतों की दूर से निगरानी करने हेतु एक उपकरण विकसित किया है?

- A. आईआईटी- बॉम्बे
- B. आईआईटी-मद्रास
- C. आईआईटी-दिल्ली
- D. आईआईटी-कानपुर

Ans. B

Sol.

- A device to remotely monitor the vital signs of patients, including those infected by COVID-19 is developed by the Healthcare Innovation Centre of the Indian

Institute of Technology-Madras and Helyxon, a healthcare start-up in the institute's research park

- The device has been deployed in some hospitals in Chennai.
- It can monitor temperature, oxygen saturation, respiratory rate and heart rate.
- According to the institute, the device is being used on 2,000 patients in public and private hospitals and homes too.

23. चन्नकारा रामनकुट्टी का हाल ही में निधन हो गया, वह किस भाषा के प्रसिद्ध कवि और फिल्म तथा नाटक गीतकार थे?

- A. तेलुगु
- B. कन्नड़
- C. तमिल
- D. मलयालम

Ans. D

Sol.

- Popular Malayalam poet and film and drama lyricist Chunnakara Ramankutty passed away at a private hospital in Thiruvananthapuram.
- Starting from 1978 he wrote lyrics for Malayalam films, till a few years back.
- He wrote more than 200 songs in a career that spanned over five decades.

24. भारत ने निम्नलिखित में से किस पड़ोसी देश में एक परियोजना के लिए \$ 500 मिलियन के पैकेज की घोषणा की?

- A. श्रीलंका
- B. नेपाल
- C. मालदीव
- D. भूटान

Ans. C

Sol.



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- India announced a \$500 million package to fund a project in the Maldives to help it connect the capital Male to three nearby islands.

- an air connectivity “bubble” for travel, a direct ferry service, a submarine cable for telecom connectivity; and assistance for the Greater Male Connectivity project (GMCP) to connect Male to three neighbouring islands.

- India has sought to regain diplomatic influence in the islands after a new administration led by President Ibrahim Solih took power following the defeat of the pro-China strongman Abdulla Yameen in elections in 2018.

25. किस भारतीय प्रौद्योगिकी संस्थान (IIT) ने मोमेंटम इंडिया प्राइवेट लिमिटेड के साथ मिलकर एक रूम कीटाणुशोधन उपकरण विकसित किया है?

- A. आईआईटी कानपुर
- B. आईआईटी रोपड़
- C. आईआईटी बॉम्बे
- D. आईआईटी हैदराबाद

Ans. B

Sol.

- The Indian Institute of Technology has developed a room disinfection device in collaboration with Momentum India Private Limited.

- the indigenous device harnesses the germicidal effects of ultraviolet (UV-C) radiations to inactivate viruses and bacteria.

- The device ensures 360-degree disinfection through its prismatic body and foldable wings.

- The specially-designed wings provide focused exposure to the most frequently touched surfaces such as door knobs, table

tops, cupboards, room fixtures, wall corners, work tops, artifacts, furniture tops.

26. किस राज्य सरकार ने महिला सशक्तीकरण के लिए "ओरुनोडोई योजना" शुरू की है?

- A. अरुणाचल प्रदेश
- B. असम
- C. मणिपुर
- D. त्रिपुरा

Ans. B

Sol.

- The Assam government would provide Rs 830 per month each to 17 lakh poor families under the ambitious “Orunodoi” scheme, to financially empower women.

- The scheme would be the biggest scheme in Assam. A sum of Rs 280 crore has been earmarked for the new scheme.

- Under the “Orunodoi” scheme, while selecting the beneficiaries, there would be economic criteria and “those who have certain movable and immovable assets including land, big houses, vehicles, electronic gadgets, and most government and semi-government employees, would be excluded”.

- Under the “Orunodoi” scheme, Rs 830 per month aid would mean an additional annual income of Rs 10,000 to the poor households to meet their medical, nutritional, and academic needs besides to meet the additional spending during various festivals.”.

27. किस राज्य के फेस्टिव स्वीट डिश ‘खाजा’, मसालेदार हरमल मिर्च और मांडोली केला (मोयरा केला) को भौगोलिक संकेत रजिस्ट्री से भौगोलिक संकेत (जीआई) टैग प्राप्त हुआ है?

- A. महाराष्ट्र



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B. आंध्र प्रदेश

C. गोवा

D. राजस्थान

Ans. C

Sol.

- Goa's traditional festive sweet dish 'Khaje', spicy Harnal Chilli and Myndoli Banana (Moira Banana) has obtained Geographical Indication (GI) tag from the Geographical Indications Registry.
- Khaje got a GI tag under foodstuffs falling in Class-30 and Moira Banana under Class-31.
- The Bicholim based All-Goa Khaje Producers Association (AGKPA) applied for the GI tag of Khaje through the department of science and technology in 2019.
- Myndoli Banana Growers Association, Ibrampur, Pernem applied for the GI tag of Moira bananas. The Harnal-Pernem Chilli Growers Association had made the application for the GI tag of Harnal Chillies.
- GI registration in India is administered by the Geographical Indications of Goods (Registration and Protection) Act, 1999 which came into force with effect from September 2003.
- A GI tag protects the produce from being illegally used and ensures benefits to the local growers' community.

28. भारतीय तटरक्षक बल के लिए किस अपतटीय गश्ती पोत (OPV) को हाल ही में लॉन्च किया गया है?

A. सार्थक

B. समर्थ

C. विक्रम

D. वराह

Ans. A

Sol.

- The Indian Coast Guard (ICG) has launched its fourth in the series of five offshore patrol vessels (OPV), re-christened as ICG Ship 'Sarthak,' in an impressive ceremony at Goa Shipyard Limited.
- Goa Shipyard Limited (GSL) has designed and developed the Offshore Patrol Vessel 'Sarthak' which is the 4th in the series of five OPVs.
- 'Sarthak' has been built indigenously and is designed in such a way that it carries a twin-engine helicopter, four high speed boats along with one inflatable boat for swift boarding and Search & Rescue operations.
- It will be deployed extensively for EEZ surveillance, Coastal Security and other duties.

29. "आवर ओनली होम: ए क्लाइमेट अपील टू द वर्ल्ड" नामक पुस्तक को किसने लिखा है?

A. फ्रांज ऑल्ट

B. यति यादव

C. दलाई लामा

D. विरल वी आचार्य

Ans. C

Sol.

- The Tibetan spiritual leader, Dalai Lama, will release a new book titled "Our Only Home: A Climate Appeal to the World" on climate change with German environmental journalist, Franz Alt in November.
- The Dalai Lama in the book calls on political decision-makers to fight against deadlock and ignorance on the issue of climate change and to stand up for a different, more climate-friendly world and for the younger generation to assert their right to regain its future.



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- It follows his 2019 publication dedicated to children, "The Seed of Compassion: Lessons from the Life and Teachings of His Holiness the Dalai Lama", his autobiography and a book on philosophy.
- In 2018, "Ecology, Ethics, and Interdependence: The Dalai Lama in Conversation with Leading Thinkers on Climate Change" was published.

30. सार्वजनिक उद्यम चयन बोर्ड (PESB) द्वारा स्टील अथॉरिटी ऑफ इंडिया लिमिटेड (SAIL) के अगले अध्यक्ष के रूप में किसे चुना गया है?

- A. रीवा गांगुली
- B. सोमा मंडल
- C. रोशनी नादर
- D. विनी महाजन

Ans. B

Sol.

- Soma Mondal has been selected by the Public Enterprises Selection Board (PESB) as the next chairman of Steel Authority of India Limited (SAIL).
- She will be taking charge when the present Chairman Anil Chaudhary.
- Mondal had taken over as Director (Commercial) of SAIL in September 2018. Prior to this, she was Director (Commercial), NALCO, Bhubaneswar which was history in making as was NALCO's first-ever female director.

31. निम्नलिखित में से कौन-सी कंपनी पुनर्निर्धारित टोक्यो ओलंपिक के लिए भारतीय टीम की आधिकारिक प्रायोजक होगी?

- A. आईनॉक्स
- B. गोफर्स
- C. फ्लिपकार्ट
- D. बायजू

Ans. A

Sol.

- The INOX group will be the official sponsor of the Indian team for the rescheduled Tokyo Olympics.
- The Tokyo Olympics was rescheduled to next year due to the COVID-19 pandemic. It will be held from July 23 to August 8 in 2021.
- As part of the partnership the Group will also support team's promotions through its entertainment company -- INOX Leisure Limited, which owns a chain of multiplexes in the country.

32. कृषि मेघ निम्नलिखित में से किस संगठन का डेटा रिकवरी केंद्र है?

- A. NABARD
- B. ICAR
- C. IFFCO
- D. DRDO

Ans. B

Sol.

- Recently, the Union Minister of Agriculture & Farmers' Welfare launched the Krishi Megh (National Agricultural Research & Education System -Cloud Infrastructure and Services).
- The Minister also launched the KVC ALUNET (Krishi Vishwavidyalaya Chhatr Alumni Network) and Online Accreditation System for Higher Agricultural Educational Institutions (HEI).
- Krishi Megh is the data recovery centre of ICAR (Indian Council of Agricultural Research).
- The data recovery centre has been set up at National Academy of Agricultural



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Research Management (NAARM), Hyderabad.

- Krishi Megh has been set up under the National Agricultural Higher Education Project (NAHEP), funded by both the government and the World Bank.

33.केंद्रीय जल शक्ति मंत्रालय द्वारा लॉन्च किया गया निम्न में से कौन-सा एक आईवीआर आधारित मोबाइल ऑनलाइन शिक्षण पाठ्यक्रम है?

- A. किसान सभा
- B. कृषि मेघ
- C. स्वच्छ भारत मिशन अकादमी
- D. संजीवनी

Ans. C

Sol.

- Union Minister for Jal Shakti launched the Swachh Bharat Mission Academy by dialling the designated IVR toll-free number.
- The IVR based free mobile online learning course on ODF Plus will be crucial in achieving goals underlined in Phase - 2 of Swachh Bharat Mission (Gramin).
- Swachh Bharat Mission Academy, with its mobile based technology will significantly boost the capacity building efforts in training of Swachhagrahis as well as community-based organizations, NGOs and others associated with phase 2 of the mission.
- As of now the content of SBM Academy is in Hindi and the users are expected to dial in to a toll free number (18001800404) and complete listening to the entire content in their mobile phones.

34.निम्नलिखित में से कौन-सी कंपनी 5G अनुसंधान के लिए भारतीय विज्ञान संस्थान में रोबोटिक्स लैब स्थापित करने की योजना बना रही है?

- A. एप्पल
- B. सैमसंग
- C. नोकिया
- D. एयरटेल

Ans. C

Sol.

- Finnish telecom gear maker Nokia announced a collaboration with the Indian Institute of Science (IISc) in Bengaluru to establish a network robotics laboratory for research on socially relevant use cases based on 5G and emerging technologies.
- The Nokia Centre of Excellence (CoE) for Networked Robotics will promote interdisciplinary research involving robotics, advanced communication technologies and Artificial Intelligence (AI) to develop use cases across areas like emergency management, agriculture and industrial automation.
- The centre will promote engagement and cooperation between academia, start-ups and industry ecosystem partners in research and development of use cases.
- The centre supports and aligns with the government's initiatives of Start-up India.

35.निम्नलिखित में से किस राज्य / केंद्र शासित प्रदेश में हिंदुस्तान एयरोनॉटिक्स लिमिटेड ने ऑपरेशन के लिए दो लाइट कॉम्बैट हेलीकॉप्टर (LCH) तैनात किए हैं?

- A. जम्मू और कश्मीर
- B. उत्तराखंड
- C. हिमाचल प्रदेश
- D. लद्दाख

Ans. D

Sol.

- The Hindustan Aeronautics Limited has deployed two Light Combat Helicopters



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(LCH) produced by it for operations at high altitude (Leh sector) at short notice to support IAF missions.

- It is the lightest attack helicopter in the world designed and developed by HAL to meet the specific and unique requirements of Indian Armed Forces reflecting the crucial role of HAL in 'Atmanirbhar Bharat'.
- The LCH successfully demonstrated its quick deployment prowess to forward locations in extreme temperatures.
- The other features of LCH include its ability to operate in the complete Area of Responsibility (AOR) and altitudes.

36. प्रधानमंत्री नरेंद्र मोदी ने किस उद्देश्य के लिए "सम्मान का सम्मान" मंच शुरू किया है?

- A. समरूप कराधान
- B. पारदर्शी कराधान
- C. दोहरे कराधान से बचाव
- D. टैक्स रेवेन्यू बढ़ाने

Ans. B

Sol.

- Prime Minister Narendra Modi launched the platform for "Transparent Taxation - Honoring the Honest" via video conferencing.
- The virtual launch is being attended by various industrialists including, Ratan Tata, Anand Mahindra and Uday Kotak.
- In a major reform the Central Board of Direct Taxes (CBDT) has carried out several major tax reforms in direct taxes in recent years.
- Last year, the Corporate Tax rates were reduced from 30 per cent to 22 per cent and for new manufacturing units, the rates were reduced to 15 per cent. Dividend distribution tax was also abolished.

• PM announced that Taxpayer charter comes with responsibilities for taxpayers too. The taxpayer must pay tax because that is how the system works.

- Faceless assessment will be decided randomly by a computer and will be changed from time to time. This will ensure that the income tax administration and the income tax payers cannot communicate to each other, bringing any changes of pressuring to zero.

37. भारतीय मूल के सीनेटर का नाम बताएं जिन्हें डेमोक्रेटिक पार्टी के लिए अमेरिकी उपराष्ट्रपति पद का उम्मीदवार बनाया गया है?

- A. निक्की हेली
- B. स्वाति दांडेकर
- C. कमला हैरिस
- D. प्रमिला जयपाल

Ans. C

Sol.

- In the United States, Democratic Presidential nominee Joe Biden has named Indian-origin senator Kamala Harris as his Vice-Presidential running mate. Joe Biden made history by selecting the first black woman to compete on a major party's presidential ticket.
- Kamala Harris is currently the US Senator from California. Former US President Barack Obama has often described her as a trailblazer.

38. खोजी पत्रकारिता के लिए एशियन कॉलेज ऑफ जर्नलिज्म का अवार्ड 2019 किसने जीता है?

- A. शिव सहाय सिंह
- B. प्रोन्नय रॉय
- C. सैकत दत्ता
- D. नितिन सेठी



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Ans. D

Sol.

- Nitin Sethi has been declared winners of the Asian College of Journalism's award 2019 for investigative journalism.
- The awards ceremony was conducted online due to the ongoing COVID-19 pandemic.
- Sethi won in the investigative journalism category for his six-part series titled "Paisha Politics" published by The Huffington Post India.
- The award comprises a trophy and citation. The Investigative Journalism Award winner receives Rs 200,000 in prize money.

39. निम्नलिखित में से किस एयरोस्पेस कंपनी ने ऊपरी चरण के रॉकेट इंजन "रमन" का सफलतापूर्वक परीक्षण किया है?

- A. एफिशिएंट
- B. एक्यूमेन एविएशन
- C. स्काईरोट एयरोस्पेस
- D. अल्ट्रान इंडिया

Ans. C

Sol.

- Skyroot Aerospace, a Spacetechn startup has successfully test fired an upper stage rocket engine "Raman".
- With this, Skyroot Aerospace has become the first Indian private firm to exhibit the potential to build a homegrown rocket engine.
- "Raman" is a 3-D printed rocket engine which has been named after Nobel laureate CV Raman.
- Skyroot Aerospace expects to launch its first rocket, which can hurl satellites of 250-700 kgs, into a lower earth orbit by December 2021.

40. ट्रैफिक सिग्नल और साइनेज पर महिलाओं के प्रतीक अंकित करने वाला भारत का पहला शहर कौन सा बन गया है?

- A. बेंगलुरु
- B. दिल्ली
- C. हैदराबाद
- D. मुंबई

Ans. D

Sol.

- Mumbai's Dadar has become the first city in India to have women symbols on traffic signals and signage.
- Brihanmumbai Municipal Corporation (BMC) has installed traffic signals that display female icons sporting triangular frock, a shift from the default representation of men.

41. वर्ष 2020 के लिए कितने पुलिस कर्मियों को "केंद्रीय गृह मंत्री की उत्कृष्ट परीक्षण पदक" से सम्मानित किया गया है?

- A. 101
- B. 111
- C. 121
- D. 131

Ans. C

Sol.

- A total of 121 Police personnel have been awarded the "Union Home Minister's Medal for Excellence in Investigation" for the year 2020.
- The award of "Union Home Minister's Medal for Excellence in Investigation" seeks to encourage high professional standards of investigation of crime and to recognize such Excellence in Investigation by investigating officers.



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42. 2020 के शीर्ष 10 विश्व के सबसे अधिक भुगतान पाने वाले अभिनेताओं में सूचीबद्ध होने वाले एकमात्र भारतीय अभिनेता कौन हैं?

- A. सलमान खान
- B. शारुख खान
- C. सोनू सूद
- D. अक्षय कुमार

Ans. D

Sol.

- Forbes magazine has released "The Highest-Paid Actors Of 2020" list. Bollywood actor, Akshay Kumar is the only Indian star to be listed among the top 10 world's highest-paid actors of 2020. With total earnings of \$48.5 million.
- Akshay is placed at sixth place in the list. Most of his income came from product endorsements.
- The list takes into account the earnings between June 1, 2019, and June 1, 2020.
- The list has been topped by Wrestler-turned-movie star Dwayne Johnson, for a second straight year, with the total earning of \$87.5 million. Johnson is also known by his ring name The Rock.

43. निम्नलिखित में से किस उद्योग निकाय ने "भारत@75 शिखर सम्मेलन - मिशन 2022" आयोजित किया है?

- A. भारतीय उद्योग परिसंघ (CII)
- B. द एसोसिएशन ऑफ म्युचुअल फंड्स इन इंडिया (AMFI)
- C. भारतीय निर्यात संगठनों का संघ (FIEO)
- D. फेडरेशन ऑफ इंडियन चैम्बर्स ऑफ कॉमर्स एंड इंडस्ट्री (FICCI)

Ans. A

Sol.

- The Confederation of Indian Industries (CII) has organised the "India@75 Summit - Mission 2022"
- Union Minister for Micro Small and Medium Enterprises (MSME), Nitin Gadkari has addressed the summit via video-conferencing.
- The summit was focused on 'reinventing technology in India'.
- The MSME Ministry and Industries should be made import substitutes, cost-effective, pollution-free and indigenous.

44. किस राज्य सरकार ने "कौशल भारत मिशन" के तहत उन्नत कौशल प्रशिक्षण प्रदान करने हेतु विश्व स्तरीय कौशल विकास संस्थान स्थापित करने के लिए राष्ट्रीय कौशल विकास निगम (NSDC) के साथ समझौता ज्ञापन (MoU) पर हस्ताक्षर किए हैं?

- A. महाराष्ट्र
- B. गोवा
- C. गुजरात
- D. हरियाणा

Ans. B

Sol.

- Goa's Directorate of Skill Development and Entrepreneurship (DSDE) has signed a Memorandum of Understanding (MoU) with National Skill Development Corporation (NSDC) for setting up a World-Class Skill Development Institute to provide Advanced Skills Training under "Skill India Mission".
- The MoU was signed virtually by Union Minister for Skill Development and Entrepreneurship, Mahendra Nath Pandey and Goa Skill Development Minister, Vishwajit Rane.
- The institute is proposed to be set up at the heritage building of Old Asilo Hospital, Mapusa, North Goa.



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- The institute will provide Advanced Skills training in highly specialized areas across sectors like healthcare, tourism and hospitality and other emerging business domains to meet industry demands.
- The institute will cater to students not only from Goa, but also from across the country and the world.

45. 'कनेक्टिंग, कम्यूनिकेटिंग, चेंजिंग' नामक पुस्तक केंद्रीय सूचना और प्रसारण मंत्री, प्रकाश जावड़ेकर द्वारा जारी की गई है, जो निम्नलिखित में से किसके कार्यालय के वर्षों का इतिहास है?

- A. नरेंद्र मोदी
- B. राजनाथ सिंह
- C. एम. वैकैया नायडू
- D. प्रणव मुखर्जी

Ans. C

Sol.

1. The Union Defence Minister Rajnath Singh has released the book titled 'Connecting, Communicating, Changing' in New Delhi.
2. This book is regarding the years spent by the Vice President M Venkaiah Naidu in office. The first copy of the book has been provided to the Vice President only.
3. The e-version of the book has been launched by the Union Minister Prakash Javadekar.
4. The book comprising a collection of speeches by Vice President Venkaiah Naidu. The over 250 pages book is the third series of the book and has been published by Publications Division.
5. It provides a glimpse of his efforts and outcomes as the Vice President and Chairman of the Rajya Sabha.

6. Apart from this, the print coffee table version of the book was also released by Union Minister of Defense Shri Rajnath Singh.

46. प्रख्यात व्यक्तित्व राहत इंदोरी का हाल ही में निधन हो गया, वह एक अनुभवी \_\_\_\_\_ थे।

- A. राजनीतिज्ञ
- B. शास्त्रीय गायक
- C. इतिहासकार
- D. उर्दू कवि

Ans. D

Sol.

1. Rahat Indori was a noted Urdu poet.
2. He passed away after suffering two heart attacks
3. He also had tested positive for coronavirus.
4. With a 50-year career in poetry, Indori, an Urdu scholar of great repute, was one of the biggest mushaira (poetry symposiums) stars in the country and someone who fearlessly called a spade a spade.
5. He was also a bollywood lyricist and known for the lyrics of songs like "M Bole to" from Munnabhai MBBS (2003), and "Neend Churai Mei" from Ishq (1997).

47. किस राज्य सरकार ने मुख्यमंत्री किसान सहाय योजना शुरू की है?

- A. गुजरात
- B. महाराष्ट्र
- C. आंध्र प्रदेश
- D. तेलंगाना

Ans. A

Sol.



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1. Mukhya Mantri Kisan Sahay Yojana has been announced by the Gujarat Chief Minister Vijay Rupani.

2. The yojana has been announced for the current Kharif season and all farmers of the state will be covered under this scheme.

3. Farmers would not have to pay any premium or registration process for the scheme.

48. उस भारतीय अंपायर का नाम बताइए, जिसे अंपायरों के अंतर्राष्ट्रीय पैनल में शामिल किया गया है?

- A. अमीश साहेबा
- B. सुंदरम रवि
- C. केएन अनंतपदमनाभन
- D. विनीत कुलकर्णी

Ans. C

Sol.

- Indian Umpire, KN Ananthapadmanabhan has been included in ICC's international panel of umpires following compatriot Nitin Menon's promotion to the elite panel.
- Ananthapadmanabhan played 105 First-Class and 54 List A games for Kerala, taking 344 and 87 wickets respectively.
- He also scored three First-Class hundreds and eight half-centuries.
- Ananthapadmanabhan has officiated in all major domestic events including the IPL.
- He also was the official in the Ranji Trophy final between Bengal and Saurashtra last year and even stood at both ends for a while after Shamshuddin got injured.

49. श्रीलंका के प्रधानमंत्री के रूप में किसने शपथ ली?

- A. महिंदा राजपक्षे

- B. गोतबया राजपक्षे
- C. मैत्रीपाला सिरिसेना
- D. सजीथ प्रेमदासा

Ans. A

Sol.

- Sri Lanka's former President, Mahinda Rajapaksa took oath as the country's Prime Minister for the fourth time, after his party secured a landslide victory in the parliamentary elections on 5 August 2020.
- Mahinda Rajapaksa was administered the oath of office for the ninth Parliament by his younger brother and President Gotabaya Rajapaksa at a historic Buddhist temple, Rajamaha Viharaya in Kelaniya, a north Colombo suburb.
- The 74-year-old Sri Lanka People's Party (SLPP) leader has been appointed as the PM of Sri Lanka.
- Prior to this, Mahinda Rajapaksa was first elected prime minister in 2004 and again appointed for brief periods in 2018 and 2019.
- He has also served as the island nation's president from 2005 to 2015.

50. भारतीय खाद्य सुरक्षा एवं मानक प्राधिकरण (FSSAI) ने खाद्य तथा पोषण के क्षेत्र में सहयोगात्मक अनुसंधान और सूचना प्रसार के लिए निम्नलिखित में से किस संगठन के साथ समझौते पर हस्ताक्षर किए हैं?

- A. भारतीय अंतरिक्ष अनुसंधान संगठन (ISRO)
- B. भारतीय चिकित्सा अनुसंधान परिषद (ICMR)
- C. वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद (CSIR)
- D. टाटा इंस्टीट्यूट ऑफ फंडामेंटल रिसर्च (TIFR)

Ans. C

Sol.

- \* The Council of Scientific and Industrial Research (CSIR) and Food Safety and



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Standards Authority of India (FSSAI) has entered into an agreement for collaborative research and information dissemination in the area of food and nutrition.

- \* The agreement was signed during a ceremony which was presided Health Minister Harsh Vardhan.

- \* The collaboration between these two premier institutions of India will contribute in fulfilling the vision of New Food System 2050.

- \* The two organisations will also work towards strengthening the quality assurance of laboratory networks across the country.

51. खादी और ग्रामोद्योग आयोग (KVIC) निम्नलिखित में से किस राज्य में रेशम प्रशिक्षण तथा उत्पादन केंद्र खोलेगा?

- A. आंध्र प्रदेश
- B. कर्नाटक
- C. झारखंड
- D. अरुणाचल प्रदेश

Ans. D

Sol.

- \* Khadi and Village Industries Commission (KVIC) will open the Silk Training cum Production Center in the tribal village of Chullyu in Arunachal Pradesh.

- \* This would be the first Silk Training cum Production Center in the state. Machinery like handlooms, Charkha, Silk reeling machines and warping drums would be installed in the training cum production Center.

- \* KVIC has transformed the dilapidated school building into the training cum production center for Eri Silk, and has also selected the first batch of 25 local artisans of Chullyu village to begin the training with.

- \* With the launch of Silk Training cum Production Center, the state would soon be bustling with spinning and weaving activities.

52. किस हवाई अड्डे ने AIR SUVIDHA विकसित किया है, जो एक प्रकार का पहला पोर्टल है, जो अंतर्राष्ट्रीय आगमन वाले यात्रियों को अनिवार्य स्व-घोषणा पत्र तथा पात्र यात्रियों को कोरोनावायरस के लिए अनिवार्य संस्थागत संगरोध से छूट हेतु आवेदन करने की अनुमति देता है?

- A. सूरत अंतर्राष्ट्रीय हवाई अड्डा
- B. दिल्ली इंटरनेशनल एयरपोर्ट लिमिटेड
- C. राजीव गांधी अंतर्राष्ट्रीय हवाई अड्डा
- D. छत्रपति शिवाजी अंतर्राष्ट्रीय हवाई अड्डा

Ans. B

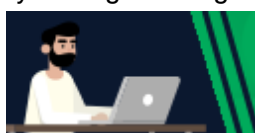
Sol.

- \* Delhi International Airport Limited (DIAL) a GMR Group-led consortium, has developed AIR SUVIDHA, a first-of-its-kind portal allowing international arriving passengers to fill a mandatory self-declaration form and eligible passengers to apply for exemption from compulsory institutional quarantine for coronavirus.

- \* It will make passengers' journey more convenient and comfortable in a contactless way as they won't have to fill the physical copies of the forms on arrival.

- \* The online forms have been developed in collaboration with various state governments, Ministry of Civil Aviation, Ministry of Health and Family Welfare (MoHFW) and Ministry of External Affairs (MEA).

- \* Passengers can assess AIR SUVIDHA at website of Delhi Airport 'www.newdelhairport.in'



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53.व्यक्तिगत बुनकरों और संगठन के लिए केंद्रीय वस्त्र और महिला एवं बाल विकास मंत्री श्रीमती स्मृति जुबिन ईरानी ने कौन-सा वेबसाइट पोर्टल लॉन्च किया है?

- A. अवर हैंडलूम
- B. हैंडलूम मार्क
- C. माई हैंडलूम
- D. आत्मनिर्भर हैंडलूम

Ans. C

Sol.

\* The Union Minister of Textiles and Women & Child Development, Smt Smriti Zubin Irani, launched the Mobile App & Backend Website for Handloom Mark Scheme (HLM) for the weavers on the occasion of 6th National Handloom Day held virtually on 7th August, 2020, organized by the Ministry of Textiles, Gol (Government of India).

\* The Union Minister of Textiles and Women & Child Development, Smt Smriti Zubin Irani launched a website portal, 'My Handloom' for the individual weavers and organization on the occasion of the 6th National Handloom Day on 7th August, 2020, virtually.

54.भारत किस देश की मेजबानी में बहुपक्षीय सैन्य अभ्यास "कवकाज़ (Kavkaz) 2020" में भाग लेगा?

- A. कजाकिस्तान
- B. उज्बेकिस्तान
- C. ताजिकिस्तान
- D. रूस

Ans. D

Sol.

\* India will take part in the multilateral military "Russian Kavkaz 2020" strategic command-post exercise to be held in Astrakhan, Russia.

\* The Indian contingent includes 150 Army personnel and a smaller number of personnel from the Navy and Air Force.

\* The invitation for participation to Kavkaz 2020, also referred to as Caucasus-2020, has been extended to at least 18 countries including China, Iran, Pakistan and Turkey apart from other Central Asian Republics part of the SCO.

55.किस भारतीय प्रौद्योगिकी संस्थान ने इंपीरियल कॉलेज लंदन, यूनाइटेड किंगडम के साथ मिलकर नैनोपार्टिकल्स 'मेटामेटेरियल ग्रिड का मेटा-ग्रिड' का विकास किया है?

- A. आईआईटी बॉम्बे
- B. आईआईटी गुवाहाटी
- C. आईआईटी कानपुर
- D. आईआईटी खड़गपुर

Ans. B

Sol.

\* The Indian Institute of Technology (IIT) Guwahati, India, and Imperial College London, United Kingdom, have developed nanoparticles called the 'meta-grid' or 'metamaterial grid' that makes the light-emitting diodes (LED) brighter, energy-efficient and durable.

\* It was jointly developed by Dr. Debabrata Sikdar, assistant professor at IIT Guwahati along with Prof. Sir John B. Pendry and Prof. Alexei A. Kornyshev from Imperial College London.

\* Meta-grid is a specifically patterned array of nanoparticles acting as metamaterials and it is capable of exhibiting extraordinary optical properties.

\* The nanoparticle 'meta-grid' enhances the light extraction and provides a wider range of optical gadgets.



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56. रेल मंत्रालय ने किस राज्य में रेलवे के लिए एक समर्पित संग्रहालय का उद्घाटन किया है?

- A. हावड़ा, पश्चिम बंगाल
- B. जबलपुर, मध्य प्रदेश
- C. हुबली, कर्नाटक
- D. प्रयागराज, उत्तर प्रदेश

Ans. C

Sol.

\* The Ministry of Railways has inaugurated a dedicated museum for railways in Hubballi, Karnataka, through video conferencing.

\* This is the first of its kind museum in Northern Karnataka and second in South Western Railways after the historic railway museum at Mysore, Karnataka.

\* The main objective of the museum is to preserve and portray the glorious heritage of various branches of Railways and displays the gradual evolution of advanced systems in all spheres of Railway.

57. 'मेक-इन-इंडिया' को बढ़ावा देने के लिए, किसने स्थानीय विनिर्माण को स्थानांतरित करने के सरकार के दृष्टिकोण पर अधिक ध्यान केंद्रित करने हेतु 'आत्मनिर्भर भारत सप्ताह' लॉन्च किया है?

- A. नरेंद्र मोदी
- B. राजनाथ सिंह
- C. नितिन गडकरी
- D. निर्मला सीतारमण

Ans. B

Sol.

\* The Defence Minister Rajnath launched the 'Atmanirbhar Bharat Saptah' to focus more on the vision of the government to shift to local manufacturing and 'Make in India' It is also in line with the 'Atmanirbhar Bharat' scheme of the Prime Minister.

\* The main idea behind this is to emphasize the importance of domestic defence production in the country.

\* The ministry is pushing for domestic manufacturing of defence items very aggressively.

\* This new idea of observing a week is actually going to provide the much-needed impetus to the scheme.

58. भारत के घरेलू ई-कॉमर्स मार्केटप्लेस, फ्लिपकार्ट ने किस राज्य सरकार की वन डिस्ट्रिक्ट, वन प्रोडक्ट (ODOP) योजना के लिए एक समझौता ज्ञापन पर हस्ताक्षर किए हैं?

- A. आंध्र प्रदेश
- B. कर्नाटक
- C. उत्तर प्रदेश
- D. हरियाणा

Ans. C

Sol.

\* India's homegrown e-commerce marketplace, Flipkart has signed an MoU with One District, One Product (ODOP) scheme of the Government of Uttar Pradesh.

\* The MoU will bring the artisans, weavers and craftsmen under the ODOP scheme into the scope of the "Flipkart Samarth" initiative.

\* This will provide artisans, weavers and craftsmen under the ODOP scheme a momentum to expand their business online as they face social and economic challenges.

\* The Flipkart Samarth initiative will offer various services to artisans, weavers and craftsmen such as training, dedicated space in Flipkart's fulfilment centres, constant



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seller support along with cataloguing guidance and visibility on the platform.

59. निर्यात उत्पादों पर शुल्क और कर छूट (RoDTEP) योजना के तहत दरों के निर्धारण हेतु भारत सरकार द्वारा गठित तीन सदस्यीय समिति के अध्यक्ष के रूप में किसे नियुक्त किया गया है?

- A. वाई जी परांडे
- B. गौतम रे
- C. जीके पिल्लई
- D. अजय भूषण पांडे

Ans. C

Sol.

\* The Government of India under the Ministry of finance, Department of Revenue has set up a three-member committee headed by Secretary (retired) G.K. Pillai for determination of ceiling rates under Remission of Duties and Taxes on Exported Products (RoDTEP) scheme.

\* The two other members are Y G Parande, retired Central Board of Indirect Taxes & Customs member and Gautam Ray, retired chief commissioner of custom and central excise.

\* The Remission of Duties and Taxes on Export Products (RoDTEP) scheme aims to reimburse taxes and duties incurred by exporters such as Duty on power charges, Value Added Tax on fuel in transportation, farm sector, captive power generation, mandi tax, stamp duty and central excise duty which are not compensated under any other scheme.

\* It is a World Trade Organization (WTO) compliant scheme.

60. स्वच्छ सर्वेक्षण 2020 के पुरस्कारों में लगातार चौथे वर्ष भारत का सबसे स्वच्छ शहर कौन-सा बन गया है?

- A. जयपुर
- B. इंदौर
- C. बेंगलुरु
- D. मैसूर

Ans. B

Sol.

• Swachh Survekshan 2020 awards have been announced and Indore became India's cleanest city for the fourth year in a row.

• Union Minister Hardeep Singh Puri announced the Swachh Survekshan 2020 result at the Award Ceremony 'Swachh Mahotsav' in the national capital being organised by the Ministry of Housing and Urban Affairs (MoUHA).

• This is the fifth edition of the annual cleanliness survey of the country. A total of 129 awards will be handed out to the top-performing cities and states.

• Swachh Survekshan was started by Prime Minister Narendra Modi in 2016.

• While Mysuru won the award for the cleanest city of India in 2016, Indore retained the top spot for three consecutive years in 2017, 2018 and 2019.

• One city has been given only one Award. Cities population is as per 2011 Census.

61. निम्नलिखित में से किस प्रौद्योगिकी कंपनी का भारत में 'कोरमो जॉब्स' नाम का एक रोजगार एप्लिकेशन लॉन्च किया है?

- A. गूगल
- B. फेसबुक
- C. आईबीएम
- D. इंटेल

Ans. A

Sol.

• Google has launched its employment application named 'Kormo Jobs' in India. It



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would help millions of Indians to get entry-level jobs.

- Kormo Jobs will help to provide entry-level jobs to thousands of people, to help those who have lost their jobs during the coronavirus and young professionals who are looking for jobs.
- Google had first launched the employment application in Bangladesh in 2018 and further expanded it to Indonesia in 2019.
- In 2019, Google had also tested this app in India but under the brand 'Spot' on Google Pay app, which saw more than 2 million verified jobs posted on the platform, including from companies like Zomato and Dunzo.
- After receiving a positive response, Google is now rebranding the Jobs Spot on Google Pay as Kormo Jobs in India and making it a standalone Android app.

62. निम्नलिखित में से किस केंद्र सरकार के विभाग ने अपने नए आधिकारिक लोगो को विभाग के तीन लक्ष्यों, सटीकता, वैधता और विश्वसनीयता को प्रदर्शित करते हुए लॉन्च किया है?

- A. निवेश और सार्वजनिक परिसंपत्ति प्रबंधन विभाग
- B. श्रम ब्यूरो
- C. आर्थिक मामलों का विभाग
- D. राजस्व विभाग

Ans. B

Sol.

- Union Minister of State for Labour and Employment, Shri Santosh Kumar Gangwar launched the official logo of the Labour Bureau.
- The newly launched logo displays the three goals of the Labour Bureau i.e. Accuracy, Validity, and Reliability. It also indicates the Labour Bureau as a data-

based organization that deals in data pertaining to workers and work.

- The "Blue wheel" of the logo is a cogwheel that represents work and the blue colour signifies the Labour Bureau deals with the blue-collar workers.
- The "tricolored graph" resembles the colors of the National flag. It also has "wheat ears" which implies the fruit of rural agricultural labor.
- The Labour Bureau is an office under the Labour Ministry which was established as a Directorate of Cost of Living in 1941.
- Later in 1946, the Labour Bureau was set up to formulate more comprehensive labor statistics in the context of the creation of labor policy.

63. "इंडिया टूमारो: कन्वर्सेशन्स विद नेक्स्ट जनरेशन ऑफ पॉलिटिकल लीडर्स" नामक पुस्तक को किसने लिखा है?

- A. प्रदीप छिब्रर
- B. हर्ष शाह
- C. अर्जुन सुब्रमण्यम
- D. A और B दोनों

Ans. D

Sol.

- The book is written by American academicians Pradeep Chhibber and Harsh Shah and published by Oxford University Press (OUP).
- The book will attempt to unravel the personalities, aspirations, ideologies, interests, passions and motivation of the next generation leaders.
- It will include personalities of the likes of Rahul Gandhi, Smriti Zubin Irani, Varun Gandhi, Omar Abdullah and Akhilesh Yadav.



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64.स्वास्थ्य मंत्री डॉ. हर्षवर्धन द्वारा लॉन्च किए गए COVID-19 पर अपने तरह के पहले इंटरैक्टिव गेम को क्या नाम दिया गया है?

- A. कोरोना वारियर्स
- B. कोरोना योद्धा
- C. कोरोना फाइटर्स
- D. कोरोना किंग

Ans. C

Sol.

- Health Minister Dr. Harsh Vardhan has launched an interactive first-of-its-kind game on COVID-19, the Corona Fighters.
- The Minister also launched two new videos urging adherence to key COVID Appropriate Behaviours.
- The game presents a new and extremely creative way to teach people the right tools and behaviours to fight the Covid-19 pandemic.

65.हाल ही में, रणनीतिक द्विपक्षीय संबंधों को और मजबूत करने हेतु सहयोग के तीन साल के कार्यक्रम की रूपरेखा पर आधारित भारत ने किस देश के साथ एक सांस्कृतिक समझौते पर हस्ताक्षर किए हैं?

- A. फ्रांस
- B. इजराइल
- C. जर्मनी
- D. बेल्जियम

Ans. B

Sol.

- India and Israel signed a cultural agreement that outlines a three-year programme of cooperation to further strengthen their strategic bilateral relations today.
- It aims to promote greater people-to-people exchanges.

- The major areas of cooperation identified to promote cultural ties include the exchange of culture and art experts, encouraging cooperation in the protection of cultural heritage and archaeology with the help of Israel Antiquities Authority (IIA) and Archaeological Survey of India (ASI) and organising literary fests and book fairs while promoting the translation of famous works in each other's languages.

66.निम्नलिखित में से कौन-सा राज्य प्रधानमंत्री स्वनिधी योजना को लागू करने में शीर्ष पर है?

- A. महाराष्ट्र
- B. हरियाणा
- C. उत्तर प्रदेश
- D. मध्य प्रदेश

Ans. D

Sol.

- Madhya Pradesh is the leading state in implementing the Pradhan Mantri Street Vendors Atma-Nirbhar Scheme (PM SVANidhi).
- The state has sanctioned interest free loans of Rs 10000 to more than 58000 street vendors, so far. Identity cards are distributed to the registered vendors.

67.देश में कच्चे जूट के उत्पादन और उत्पादकता में सुधार करने के लिए भारतीय जूट निगम (JCI) ने किस संस्था के साथ समझौता ज्ञापन (MoU) पर हस्ताक्षर किए?

- A. उर्वरक संस्थान
- B. राष्ट्रीय बीज निगम (NSC)
- C. राष्ट्रीय कृषि सहकारी विपणन संघ भारत
- D. भारतीय कृषि अनुसंधान परिषद (ICAR)

Ans. B

Sol.



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- National Seeds Corporation (NSC) and Jute Corporation of India (JCI) signed a Memorandum of Understanding (MoU) to improve the production and productivity of raw Jute in the country.
- The MoU was signed virtually in the presence of Union Minister for Agriculture & Farmers Welfare, Narendra Singh Tomar and Union Minister for Textiles, Smriti Zubin Irani.
- Around 10, 000 quintals of certified jute seeds of JRO-204 variety to be distributed to the farmers through JCI in the 2021-22 crop year.
- JCI will purchase the certified seeds from NSC and distribute it commercially to the farmers. This is the first ever commercial distribution operation.

68."वन अरेंज्ड मर्डर" नामक पुस्तक को किसने लिखा है?

- A. झुंपा लाहिड़ी
- B. चेतन भगत
- C. अमिताव घोष
- D. अमीष त्रिपाठी

Ans. B

Sol.

- Author Chetan Bhagat recently announced his upcoming book, One Arranged Murder, and now he has released its cinematic trailer.
- Published by Westland Publications, it is slated to release on September 28, 2020
- The plot revolves around a man coming home to his wife on Karvachauth only to not find her anywhere.

69.किस शहर की पुलिस ने फोर्स के आवासीय कालोनियों में निवारक और प्रचारक स्वास्थ्य सेवाओं

के आयुर्वेदिक मोड का विस्तार करने के लिए अखिल भारतीय आयुर्वेद संस्थान (AIIA) के साथ समझौता ज्ञापन पर हस्ताक्षर किए हैं?

- A. मुंबई पुलिस
- B. दिल्ली पुलिस
- C. बेंगलुरु पुलिस
- D. कोलकाता पुलिस

Ans. B

Sol.

- A MoU was signed between the All India Institute of Ayurveda (AIIA) and the Delhi Police for extending ayurvedic mode of preventive and promotive health services in the residential colonies of the force.
- The MoU will offer Ayurveda Preventive and Promotive health services in the residential colonies of Delhi Police through a mobile unit named 'Dhanwantari Rath' and Police Wellness Centres.
- These sources would be catered by AIIA, supported by Ministry of AYUSH.
- "Dhanwantari Rath" is a mobile unit of Ayurveda health care services which comprises a team of Doctors who would be visiting Delhi Police colonies on regular intervals.

70.लोकसभा के अध्यक्ष, ओम बिरला ने अंतर्राष्ट्रीय संसदीय संघ और किस देश की संसद द्वारा संयुक्त रूप से आयोजित संसद के वक्ताओं का पाँचवाँ विश्व सम्मेलन (5WCSP) के आभासी मोड में भाग लिया?

- A. भारत
- B. ऑस्ट्रेलिया
- C. इंग्लैंड
- D. ऑस्ट्रेलिया

Ans. B

Sol.

- Honorable Speaker of Lok Sabha, Shri Om Birla attended the virtual mode of Fifth



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World Conference of Speakers of Parliament (5WCSP).

- The two days long event was organized jointly by Geneva headquartered Inter Parliamentary Union and the Parliament of Austria with the assistance of the United Nations
- The second part of the conference is scheduled to be held next year in Vienna, Austria which is expected to be a physical mode of meeting.
- The theme of the conference is 'Parliamentary leadership for more effective multilateralism that delivers peace and sustainable development for the people and planet'.
- The Speaker is going to deliver his speech on the context of 'Improving governance by bridging the gap between Parliaments and the People'.

71. किस खेल संगठन ने पूरे भारत में ऑनलाइन स्काउटिंग कार्यशालाओं के संचालन हेतु अंतर्राष्ट्रीय व्यावसायिक स्काउटिंग संगठन (IPSO) के साथ एक समझौता ज्ञापन (MoU) पर हस्ताक्षर किए हैं?

- A. ऑल इंडिया फुटबॉल फेडरेशन (AIFF)
- B. भारतीय खेल प्राधिकरण (SAI)
- C. भारतीय क्रिकेट कंट्रोल बोर्ड (BCCI)
- D. भारतीय खेल परिषद (SCI)

Ans. A

Sol.

- All India Football Federation (AIFF) signed an Memorandum of Understanding (MoU) with International Professional Scouting Organization (IPSO) to conduct online Scouting Workshops throughout India.
- Under the agreement, IPSO will conduct online workshops which will provide a

number of courses and webinars with regards to scouting in India.

- The workshop will be a starting point to become a scout or an analyst and will also help anyone to understand the foundations and protocols in talent identification, scouting & analysis.
- The first part of these workshops are scheduled to take place from September 7 to 11. It will be a two-hour session starting at 7 pm every day.

72. निम्नलिखित में से किसे भारत के सर्वोच्च खेल सम्मान राजीव गांधी खेल रत्न पुरस्कार 2020 के लिए राष्ट्रीय खेल पुरस्कार चयन समिति द्वारा अनुशंसित नहीं किया गया है?

- A. रोहित शर्मा
- B. विनेश फोगट
- C. दीपक पुनिया
- D. मनिका बत्रा

Ans. C

Sol.

- The National Sports Awards selection committee have recommended four sportspersons for India's highest sporting honour, Rajiv Gandhi Khel Ratna Award 2020.
- Indian cricketer, Rohit Sharma and wrestler Vinesh Phogat are among the four sportspersons.
- Apart from Rohit and Vinesh, table tennis player Manika Batra and Paralympian M Thangavelu are the other two names.
- Rohit Sharma will be the fourth cricketer after legendary Sachin Tendulkar, MS Dhoni and Virat Kohli to be conferred the award. Tendulkar was awarded the Khel Ratna in 1998, Dhoni got it in 2007 and Kohli received in 2018.



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- In a first, this year's National Sports Awards ceremony is likely to be held virtually due to the COVID-19 pandemic.
- The name of Deepak Punia has not been recommended by National Sports Awards selection committee.
- So, option C will be the right answer.

73. निम्नलिखित में से किस संस्थान ने भारत में 'अटल रैंकिंग ऑफ इंस्टीट्यूशंस ऑन इनोवेशन अचीवमेंट्स' (ARIIA) 2020 में भारत का सबसे अच्छा केंद्रीय वित्त पोषित संस्थान होने हेतु शीर्ष स्थान प्राप्त किया है?

- A. भारतीय प्रौद्योगिकी संस्थान, मद्रास
- B. इंडियन इंस्टीट्यूट ऑफ टेक्नोलॉजी, बॉम्बे
- C. भारतीय प्रौद्योगिकी संस्थान, दिल्ली
- D. भारतीय प्रौद्योगिकी संस्थान, हैदराबाद

Ans. B

Sol.

- The Indian Institute of Technology, Madras has retained the top position in the 'Atal Ranking of Institutions on Innovation Achievements,' (ARIIA) 2020 for being the best centrally funded institution in India.
- The 2020 'Atal Ranking of Institutions on Innovation Achievements (ARIIA),' was released by Vice President Venkaiah Naidu, in presence of Union Minister of Education, Ramesh Pokhriyal 'Nishank,' in a virtual event on 18 August 2020.
- The top five centrally funded institutions in the list are 1. IIT Madras; 2. IIT Bombay; 3. IIT Delhi; 4. IISc Bengaluru; 5. IIT Kharagpur
- The ARIIA ranking was launched in 2019 by the Innovation Cell of the Ministry of Education. The objective of ARIIA is to rank higher education institutions and universities in India as per Innovation,

Entrepreneurship, Startup, and Development amongst faculty and students.

74. इंडियन प्रीमियर लीग (IPL) 2020 के शीर्षक प्रायोजन का अधिकार किस काल्पनिक गेमिंग स्टार्ट-अप को मिला है?

- A. ड्रीम 11
- B. फैंसी 11
- C. माईटीम11
- D. 11wicket.com

Ans. A

Sol.

- The title sponsorship rights of Indian Premier League (IPL) 2020 has been bagged by the fantasy gaming start-up "Dream 11".
- The fantasy gaming start-up has bagged the title sponsorship rights for Rs 222 crore.
- Dream 11 has bagged the rights as Expression of Interest (EOI) was invited by the Board of Control for Cricket in India (BCCI) for IPL 2020's title sponsorship after the Chinese mobile phone brand, Vivo, pulled out of it.
- The title rights bagged by the fantasy gaming start-up "Dream 11" are valid till December 31, 2020.

75. हाल ही में, अशोक लवासा ने किस संवैधानिक पद से इस्तीफा दे दिया है?

- A. भारत के नियंत्रक और महालेखा परीक्षक
- B. भारत के चुनाव आयुक्त
- C. संघ लोक सेवा आयोग
- D. वित्त आयोग

Ans. B

Sol.

- Ashok Lavasa has stepped down as the Election Commissioner of India. He has



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submitted his resignation to President of India, Ram Nath Kovind.

- Lavasa is set to join the Philippines-based Asian Development Bank as the vice-president from September 2020.
- He will succeed the incumbent vice-president Diwakar Gupta, who is in charge of private sector operations, and public-private partnerships.
- Ashok Lavasa is a retired Indian Administrative Service (IAS) officer of Haryana cadre (Batch 1980) and assumed charge as the Election Commissioner of India on 23rd January, 2018.

76. निम्नलिखित में से किसे भारतीय प्रतिभूति एवं विनियम बोर्ड (SEBI) के कार्यकारी निदेशक (ED) के रूप में नियुक्त किया गया है?

- A. राकेश अस्थाना
- B. जीपी गर्ग
- C. कौशिक खोना
- D. प्रमोद भसीन

Ans. B

Sol.

- The Securities and Exchange Board of India (Sebi) has appointed GP Garg as executive director (ED). Prior to this, he was Chief General Manager in Sebi and has handled several assignments since joining in January 1994.
- He has been closely associated with Sebi's initiatives on financial literacy and investor education in the country.

77. समुद्री उत्पाद निर्यात विकास प्राधिकरण (MPEDA) ने किस स्थान पर गुणवत्ता नियंत्रण लैब स्थापित की है?

- A. पंजिम, गोवा
- B. पोरबंदर, गुजरात

C. विशाखापट्टनम, आंध्र प्रदेश

D. चेन्नई, तमिलनाडु

Ans. B

Sol.

- Quality Control Lab has been set up by the Marine Products Export Development Authority (MPEDA) in Porbandar, Gujarat.
- The Quality Control Lab will offer tests for seafood processors as well as exporters to confirm to product safety as per international regulatory requirements.
- Quality Control Lab is empowered with advanced testing instruments to evaluate antibiotic residues, heavy-metals, namely cadmium, lead, mercury and arsenic in seafood samples and histamine in fish such as tuna and mackerel.

78. भारतीय केंद्रीय जल आयोग (CWC) ने किस तकनीकी दिग्गज के साथ मिलकर भारत भर में बाढ़ पूर्वानुमान की पहल शुरू की है?

- A. एचसीएल टेक्नोलॉजीज
- B. आईबीएम
- C. गूगल
- D. फेसबुक

Ans. C

Sol.

- Google and Central Water Commission (CWC) of India have launched the flood forecasting initiatives across India for the past several months.
- The Central Water Commission is the first governmental partner of Google to measure water levels on an hourly basis using around 1000 stream gauges across India.
- Under the flood forecasting initiatives, Google has sent out numerous public alerts to people in flood-impacted regions of India.



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- The initiative enables the users with Android Smartphones with location service to receive the alerts and notification on the real-time water level measurements.
- This initiative also allows the users to enter queries on flood-affected areas and access information on the current situations of the region.

79. "फुल स्पेक्ट्रम: इंडियाज वॉर्स, 1972-2020" नामक पुस्तक को किसने लिखा है?

- A. प्रवीण सिंह
- B. निरुपमा यादव
- C. अर्जुन सुब्रमण्यम
- D. आनंद शेखा

Ans. C

Sol.

- The book titled, "Full Spectrum: India's Wars, 1972-2020" has been authored by Retired Air Vice Marshal, Arjun Subramaniam.
- It is the sequel to his 1st book, 'India's Wars: A Military History, 1947-1971'.
- The book portrays the comprehensive account of war and conflict in contemporary India over the past five decades next month. It will be published by HarperCollins Publishers India Pvt. Ltd.
- The book includes all major operation that the armed forces have participated in, including the Kargil conflict of 1999, insurgencies in the Northeast, terrorism and proxy wars in Jammu and Kashmir, separatist violence in Punjab, the Indian Peace Keeping Force (IPKF) intervention in Sri Lanka, and the continued stress along the Line of Control (LoC) and the Line of Actual Control (LAC).

80. आत्मनिर्भरता या "आत्मनिर्भर भारत" की ओर एक कदम आगे बढ़ने की दृष्टि से, किस मंत्रालय ने 'स्वदेशी माइक्रोप्रोसेसर चैलेंज' शुरू किया है?

- A. कृषि और किसान कल्याण मंत्रालय
- B. आयुष मंत्रालय
- C. रसायन और उर्वरक मंत्रालय
- D. इलेक्ट्रॉनिक्स और सूचना प्रौद्योगिकी मंत्रालय

Ans. D

Sol.

• The ministry of electronics and IT of the government of India launched a contest titled 'Swadeshi Microprocessor Challenge' with the vision of going one step further towards self-reliance or "Atma Nirbhar Bharat".

- The initiative aims at designing microprocessors for the development of various technological products.
- Students from all levels and startup companies can participate in the challenge.
- Prize money of total Rs. 4.30 crore will be provided by the government in the following way.
- Total of 1 crore to 100 semi-finalists. For 25 finalists, a total of 1 crore and Rs. 2.3 crore for the top 10 teams.
- Top 10 finalists will also have incubation support for 1 year.

81. कृषि और किसान कल्याण मंत्रालय के अनुसार जैविक खेती के तहत क्षेत्रफल की दृष्टि से भारत का स्थान पहला क्या है?

- A. पहला
- B. तीसरा
- C. सातवां
- D. नौवां

Ans. D

Sol.

• In accordance with the Ministry of Agriculture and Farmers Welfare



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(MoA&FW), India ranked first in number of organic farmers and 9th in terms of area under organic farming.

- Notably, Sikkim was the first state in the world to become completely organic and other states including Tripura and Uttarakhand have set targets to be on the same line.

- In 2015, two dedicated programs namely Mission Organic Value Chain Development for North East Region (MOVCD) and Paramparagat Krishi Vikas Yojana (PKVY) were launched to encourage chemical free farming.

82. मध्य प्रदेश राज्य सरकार ने निम्नलिखित में से किसके नाम पर ग्वालियर-चंबल एक्सप्रेसवे का नाम घोषित किया है?

- A. सुषमा स्वराज
- B. अरुण जेटली
- C. उमा भारती
- D. अटल बिहारी वाजपेयी

Ans. D

Sol.

- On the 2nd death anniversary of the former prime minister Atal Bihari Vajpayee, Chief Minister of Madhya Pradesh, Shivraj Singh Chouhan has announced that the Gwalior-Chambal Expressway will be named Shri Atal Bihari Vajpayee Chambal Progressway.

- The Gwalior Chambal Expressway is a 6 lane expressway connecting Madhya Pradesh with Uttar Pradesh and Rajasthan, through the ravines of Chambal region.

- The expressway will go parallel to the Chambal river via Shivpuri, Bhind, Morena to Kota (Rajasthan).

83. किस राज्य सरकार ने “येलोचैन” केंद्रीकृत ई-कॉमर्स प्लेटफॉर्म लॉन्च किया है?

- A. मणिपुर
- B. त्रिपुरा
- C. नागालैंड
- D. असम

Ans. C

Sol.

- Chief Minister of Nagaland, Neiphiu Rio has launched “Yellow Chain” a centralized e-commerce system to provide the people of the state integrated platform to build sustainable businesses either in products or services from their own locations for sustainable economic activity.

- Yellow Chain will act as an integrated platform for the people of the state, where any Seller/Service Provider/Individual/Group can register themselves and upload their products, trades, skills, services etc. to enable the citizens/buyers to have access to their Service or Product.

84. निम्नलिखित में से किसे सीमा सुरक्षा बल (BSF) का महानिदेशक नियुक्त किया गया है?

- A. राकेश अस्थाना
- B. कौशिक खोना
- C. दिनेश के. त्रिपाठी
- D. प्रमोद भसीन

Ans. A

Sol.

- Government of India has appointed Rakesh Asthana as the new director-general of the Border Security Force (BSF). Currently, DG Indo-Tibet Border Police (ITBP) chief S S Deswal was holding the additional charge of BSF since March this year.



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- Asthana is currently heading the Bureau of Civil Aviation Security (BCAS) with an additional charge of Narcotics Control Bureau (NCB), will assume full-time charge of the border guarding force deployed at the approximately 2,280 km long border with Pakistan.

85. गोवा के राज्यपाल सत्य पाल मलिक को किस राज्य का नया राज्यपाल नियुक्त किया गया है?

- A. मध्य प्रदेश
- B. मिजोरम
- C. मणिपुर
- D. मेघालय

Ans. D

Sol.

- Goa Governor Satya Pal Malik has been appointed as the new Governor of Meghalaya, a statement from Rashtrapati Bhavan said on Tuesday.
- Maharashtra Governor Bhagat Singh Koshyari has been given the additional charge of Goa, it added.
- Mr. Malik, who was Governor of Jammu and Kashmir when its special status under Article 370 was abrogated last August, will be replacing Tathagata Roy in Meghalaya.

86. COVID-19 महामारी के कारण हुए व्यवधान के कारण एशियाई मुक्केबाजी चैंपियनशिप को अगले साल के लिए स्थगित कर दिया गया है, यह टूर्नामेंट \_\_\_\_\_ में आयोजित होने वाला था।

- A. इंडोनेशिया
- B. भारत
- C. अफगानिस्तान
- D. कजाकिस्तान

Ans. B

Sol.

- The Asian Boxing Championship, which was to be held in India in November-December, has been postponed to next year owing to the disruption caused by the COVID-19 pandemic.
- The decision was taken at the Asian Boxing Confederation's (ASBC) Executive Committee meeting held online
- India last hosted the men's Asian meet back in 1980 in Mumbai before conducting the women's event in 2003 in Hisar. The tournament became a combined event for men and women last year.
- The COVID-19 pandemic has thrown sporting calendars haywire the world over with several big events, including the Olympics and the T20 World Cup of cricket, postponed.

87. किस राज्य सरकार ने "पढ़ाई तुहर पारा (Padhai Tuhar Para)" नाम से एक छात्र केंद्रित योजना शुरू की है?

- A. मध्य प्रदेश
- B. बिहार
- C. छत्तीसगढ़
- D. झारखंड

Ans. C

Sol.

- Chhattisgarh government has announced to launch a student centric scheme named as "Padhai Tuhar Para".
- The scheme will enable the school students to study with the help of community in their localities and villages, in view of the suspension of classes due to coronavirus outbreak.

88. भारतीय रेलवे निम्नलिखित में से किस राज्य में लजई नदी पर दुनिया का सबसे लंबा घाट पुल का निर्माण कर रहा है?



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- A. अरुणाचल प्रदेश
- B. सिक्किम
- C. मणिपुर
- D. नागालैंड

Ans. C

Sol.

- \* Indian Railways is constructing the world's tallest pier bridge in Manipur.
- \* The bridge which is being constructed across river Ijai near Noney is an engineering marvel because the tallest pier height will be 141 meter.
- \* It will surpass the existing record of 139 meter of Mala - Rijeka viaduct, Montenegro in Europe.
- \* The Manipur bridge is located at the hilly terrain of Marangching village in Noney district, about 65 km west of Imphal.
- \* The total estimated cost of the bridge is 280 crore rupees, and it will be completed by March 2022.

89. प्रसिद्ध खिलाड़ी चेतन चौहान का हाल ही में निधन हो गया, वह किस खेल से जुड़े थे?

- A. हॉकी
- B. बैडमिंटन
- C. क्रिकेट
- D. फुटबॉल

Ans. C

Sol.

- \* Former Indian cricketer and Uttar Pradesh minister, Chetan Chauhan passed away.
- \* He played 40 Tests matches for India, during his 12-year-long cricket career, scoring 2084 runs with 16 half-centuries and two wickets.
- \* Chetan Chauhan was honoured with the Arjuna Award in 1981. He played Ranji Trophy for Maharashtra and Delhi.

- \* He was Minister for youth and sports in the state of Uttar Pradesh Cabinet in 2018 and has also served as Minister of Sainik Welfare, Home Guards, PRD and Civil Security in the UP Cabinet.

90. किस संस्था के साथ मिलकर नेशनल इंस्टीट्यूशन फॉर ट्रांसफॉर्मिंग इंडिया (नीति आयोग) के अटल इनोवेशन मिशन (AIM) ने स्कूली छात्रों के लिए आर्टिफिशियल इंटेलिजेंस (AI) आधारित स्टेप-अप मॉड्यूल लॉन्च किया है?

- A. नेशनल एसोसिएशन ऑफ सॉफ्टवेयर एंड सर्विस कंपनीज (NASSCOM)
- B. भारतीय उद्योग परिसंघ (CII)
- C. फेडरेशन ऑफ इंडियन चैंबर्स ऑफ कॉमर्स एंड इंडस्ट्री (फिक्की)
- D. सोसाइटी ऑफ इंडियन ऑटोमोबाइल मैनुफैक्चरर्स (सियाम)

Ans. A

Sol.

- \* National Institution for Transforming India (NITI Aayog)'s Atal Innovation Mission(AIM) in collaboration with National Association of Software and Service Companies (NASSCOM) has launched Artificial Intelligence(AI) based Step-up module for school students.
- \* The module was launched in a virtual platform attended by CEO NITI Aayog Mr Amitabh Kant, Mission Director Atal Innovation Mission Mr R Ramanan and NASSCOM President Debjani Ghosh.
- \* The AI Step-up module is expected to drive AI education and innovation to the next level in the young minds in schools across the country.

91. आवास निर्माण क्षेत्र के प्रति महिलाओं के कौशल को बढ़ाने हेतु किस अंतर सरकारी संगठन ने परियोजना 'निर्माणश्री' शुरू की है?



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- A. ASEAN
- B. BIMSTEC
- C. यूरोपीय संघ
- D. BRICS

Ans. C

Sol.

- \* European Union has launched project 'Nirmanshree' for enhancing the women skill towards housing construction sector.
- \* This is the first-of-its-kind sustainable housing on a large scale in India with 1-million-euro.
- \* The project will be implemented in Beed and Osmanabad districts of Maharashtra and the Dhenkanal and Jajpur districts of Odisha.
- \* A non-profit organisation, Habitat for Humanity India has also join hands with EU for funding this project.
- \* The total cost of the project is EUR 9,49,694 (INR 7,40,85,628 or US\$1,075,307). 90 percent of fund provides by EU and remaining 10 percent will be issued by Habitat for Humanity India.

92. "ए बेंड इन टाइम: राइटिंग ऑन चिल्ड्रन ऑन द कोविड-19 पैंडेमिक" नामक पुस्तक किसने लिखी है?

- A. बिजल वचाररजनी
- B. अनुष्का रविशंकर
- C. रूपा पाई
- D. बुलबुल शर्मा

Ans. A

Sol.

- \* A book titled "A Bend in Time : Writings by Children on the COVID 19 Pandemic" was released in July 2020, the introduction of which is written by award-winning children's author Bijal Vachharajani.

- \* The book is published by Talking Cub (children's imprint of Speaking Tiger).

- \* The book showcased the emotions and thoughts of children and young adults, from across the country and social groups, about the greatest global crisis in recent times: the COVID-19 pandemic.

- \* Bijal Vachharajani is the winner of the Auther Children's Book Award 2020 and also named in the Parag Honour List 2020 of TATA Groups.

93. नवीन एवं नवीकरणीय ऊर्जा मंत्रालय (MNRE) द्वारा तैयार मसौदा योजना के अनुसार, "वन सन, वन वर्ल्ड, वन ग्रिड" (OSOWOG) पहल एक सामान्य ग्रिड के माध्यम से कितने देशों को जोड़ेगी जिसका उपयोग सौर ऊर्जा को स्थानांतरित करने हेतु किया जायेगा?

- A. 100 देश
- B. 110 देश
- C. 120 देश
- D. 140 देश

Ans. D

Sol.

- \* Prime Minister Narendra Modi has announced the "One Sun, One World, One Grid" (OSOWOG) plan. Under this, there will be a trans-national electricity grid, for supplying solar power across the globe.

- \* As per the draft plan prepared by the Ministry of New and Renewable Energy (MNRE), the OSOWOG will connect 140 countries through a common grid that will be used to transfer solar power.

- \* "The vision behind the OSOWOG mantra is "the Sun never sets" and is a constant at some geographical location, globally, at any given point of time.



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94. किस संस्थान के शोधकर्ताओं की टीम ने भारतीय अंतरिक्ष अनुसंधान संगठन (ISRO) के सहयोग से चंद्रमा की सतह पर "Space Bricks" नामक ईंट जैसी संरचना बनाने हेतु एक स्थायी प्रक्रिया विकसित की है?

- A. इंडियन इंस्टिट्यूट ऑफ टेक्नोलॉजी, बॉम्बे
- B. इंडियन इंस्टिट्यूट ऑफ साइंस (IISc) बेंगलुरु
- C. केंद्रीय भवन अनुसंधान संस्थान (CSIR-CBRI), रुड़की
- D. केंद्रीय सड़क अनुसंधान संस्थान (CSIR-CRRI), नई दिल्ली

Ans. B

Sol.

\* Team of researchers of Indian Institute of Science (IISc) Bengaluru, Karnataka and Indian Space Research Organisation (ISRO) developed a sustainable process for making brick-like structures named "Space Bricks" on the surface of the moon.

\* The process uses the lunar soil, bacteria and guar beans to make the space brick.

\* The process uses the Urea - sourced from human urine and lunar soil as the raw materials for the construction on the lunar surface which reduces the overall expenditure.

\* These bricks can be used to construct the habitation structures on the lunar surface in the future.

95. किस देश ने COVID-19 महामारी एवं जलवायु परिवर्तन का मुकाबला करने हेतु शैक्षणिक क्षेत्र और उद्योग में वैज्ञानिकों का समर्थन करने के लिए भारत में ₹3 मिलियन का "इनोवेशन चैलेंज फंड" लॉन्च किया है?

- A. जर्मनी
- B. फ्रांस
- C. इटली
- D. यूनाइटेड किंगडम

Ans. D

Sol.

• The UK government has launched a £3 million innovation challenge fund in India to support scientists in academia and industry to tackle the COVID-19 pandemic and climate change.

• The fund invites tech innovators with connections to the AI-Data cluster in Karnataka and the future mobility cluster in Maharashtra to submit research and development proposals for tackling COVID-19 or which promote a greener planet.

• The initiative builds on the Indian and British Prime Ministers' commitment to bring together the best minds from both countries under the UK-India Tech Partnership, to deliver high-skilled jobs and economic growth as well as to collaborate on some of the world's biggest challenges, according to the release.

96. भारतीय मूल के उस चिकित्सक का नाम बताइए, जो ब्रिटेन की रॉयल अकादमी ऑफ इंजीनियरिंग के महामारी सेवा के लिए राष्ट्रपति पुरस्कार के 19 विजेताओं में शामिल हैं?

- A. कमलेश खूटी
- B. रवि सोलंकी
- C. चंद नागपाल
- D. कैलाश चंद

Ans. B

Sol.

• An Indian-origin physician is among 19 winners of the UK's Royal Academy of Engineering President's Special Awards for Pandemic Service for exceptional engineering achievements in tackling COVID-19 throughout the UK.



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- Ravi Solanki, a physician working on neurodegenerative diseases, along with Raymond Siems, an engineer working in machine learning, were awarded for their volunteer work to help build a secure and fully functioning website for a new National Health Service (NHS) charity HEROES.
- The duo were praised for working in record time to make the platform sophisticated and efficient, ensuring it could enable funding, provide counselling and wellbeing services, childcare support and sustainable personal protective equipment (PPE) to NHS workers.

97. भारतीय प्रौद्योगिकी संस्थान (IIT) के पूर्व छात्र परिषद ने किस देश के साथ भारत में दुनिया का सबसे बड़ा तथा सबसे तेज़ हाइब्रिड क्वांटम कंप्यूटर बनाने हेतु समझौता किया है?

- A. यूएसए
- B. जापान
- C. रूस
- D. इज़राइल

Ans. C

Sol.

- Indian Institute of Technology's (IIT) Alumni Council has signed an agreement with Russia's Lomonosov Moscow State University (MSU) and Russoft to build the world's largest and fastest hybrid quantum computer in India.
- The most promising areas for Indo-Russian joint projects are Information and Communications Technology, space exploration, climate change, quantum technology and data security.
- The objective of the agreement is to use technology in the areas of healthcare, agriculture, transport and logistics, pollution

and weather forecast to achieve the mission of Atma Nirbhar Bharat.

- As a part of the agreement, the Russian state-owned companies, which are key Intellectual Property Rights (IPR) owners, will transfer critical modules in cryogenics, cryptography and modularised cloud management technology to IIT Alumni Council.

98. इंडियन आर्मी चीफ, जनरल मनोज मुकुंद नरवाने द्वारा जारी की गई पुस्तक, जिसका शीर्षक "राष्ट्रीय सुरक्षा चुनौतियाँ: युवा विद्वानों के परिप्रेक्ष्य" है, \_\_\_\_\_ द्वारा लिखी गई है।

- A. ग्रुप ऑफ प्रोफेसर
- B. सुरक्षा विश्लेषक
- C. विश्वविद्यालय के छात्र
- D. ग्रुप ऑफ जर्नलिस्ट

Ans. C

Sol.

- Indian Army Chief, General Manoj Mukund Naravane has released a book titled "National Security Challenges: Young Scholars' Perspective" penned by university students, ranging from the undergraduate level to doctoral candidates.
- The book published by the Army think-tank Centre for Land Warfare Studies (CLAWS).
- The book contains various themes pertaining to national security. It aims to develop strategic thinking among the youth of this country.
- The book is a tribute to Field Marshal Sam Manekshaw, the strategist of 1971 Indo-Pakistan War, that resulted in the liberation of Bangladesh.

99. ब्रिक्स गेम्स 2021 की मेजबानी कौन-सा देश करेगा?



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- A. रूस
- B. भारत
- C. चीन
- D. दक्षिण अफ्रीका

Ans. B

Sol.

- India is planning to host BRICS Games 2021, which will be aligned with the Khelo India Games scheduled for next year.
- This announcement came after Sports Minister Kiren Rijiju attended a meeting of Sports Ministers of the BRICS nations (Brazil, Russia, India, China and South Africa).
- India will get the chairmanship of the five-nation independent international group in 2021.
- BRICS Games 2021 will be held during the same time and at the same venues as of Khelo India Games 2021.

100. अंतर्राष्ट्रीय बुकर पुरस्कार 2020 के विजेता के रूप में किसे चुना गया है?

- A. शकोफेह अजार
- B. गैब्रिएला कैबेज़ोन कामरा
- C. डैनियल केहलमैन
- D. मेरीके लुकास रिजनेवेल्ड

Ans. D

Sol.

- Dutch Author, Marieke Lucas Rijneveld won the International Booker Prize 2020 for her debut novel 'The Discomfort of Evening'. Rijneveld became the youngest author to win the prize at the age of 29.
- The book tells the fictional story of Jas, a girl in a devout Christian farming family, whose brother dies in an accident after she wishes he would die instead of her rabbit.

- The book was first published in Dutch in 2018 and eventually translated into English by Michele Hutchison.
- The £50,000 prize (\$66,000) will be split equally between the author and translator to give equal recognition to both.
- The International Booker Prize is an international literary award given annually to a book translated to English and published in the UK or Ireland.

101. नेशनल ई-गवर्नेंस डिवीजन (NeGD) किस मंत्रालय के तहत काम कर रहा है जिसने नागरिकों को UMANG ऐप सेवाओं की डिलीवरी हेतु कॉमन सर्विस सेंटर ई-गवर्नेंस सर्विसेज इंडिया लिमिटेड के साथ समझौता ज्ञापन पर हस्ताक्षर किए हैं?

- A. वित्त मंत्रालय
- B. इलेक्ट्रॉनिक्स और सूचना प्रौद्योगिकी मंत्रालय (MeitY)
- C. वाणिज्य और उद्योग मंत्रालय
- D. कारपोरेट मामलों का मंत्रालय

Ans. B

Sol.

- The National e-Governance Division (NeGD) working under Ministry of Electronics & Information Technology (MeitY) has signed an memorandum of understanding (MOU) with CSC (Common Service Center) e Governance Services India Limited to facilitate delivery of UMANG (Unified Mobile Application for New-Age Governance) app services to citizens through the network of 3.75 lakh CSCs.
- This will benefit those citizens who either do not have access to smartphones or are not comfortable accessing app based e services on their own.



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- Notably, all the UMANG services at CSCs are available at zero cost and will be provided by CSC operators Village Level Entrepreneurs (VLEs).

- Developed by NeGD, it was dedicated to the Nation on November 23, 2017. This app was conferred with four illustrious awards including 'Best m-Government service' award at the 6th World Government Summit held at Dubai, UAE (United Arab Emirates) in Feb 2018.

102. वाणिज्यिक EVs विकसित करने हेतु किस कंपनी ने इज़राइल के REE ऑटोमोटिव के साथ भागीदारी की है?

- A. हुंडई
- B. होंडा
- C. महिंद्रा एंड महिंद्रा
- D. बजाज

Ans. C

Sol.

- Mahindra & Mahindra(M&M) signed a Memorandum of Understanding (MoU) with REE Automotive, Israel based startup firm to explore development and manufacturing of electric commercial vehicles for the global market.

- The corner modular architecture of REE integrated with the design, engineering, sourcing, ecosystem and production capacity of Mahindra will provide zero emission vehicles, including the autonomous vehicles.

- This will improve the mahindra's capabilities in the Electric Vehicle(EV) sector.

- This strategic collaboration will improve the corner module and platform technology

of integrating powertrain, suspension and steering components of REE.

103. किस ऊर्जा समाधान प्रदाता ने नवीकरणीय ऊर्जा आपूर्ति समाधान और ऊर्जा भंडारण का पता लगाने हेतु एनटीपीसी विद्युत व्यापार निगम (NVTN) के साथ एक समझौता ज्ञापन हस्ताक्षर किया है?

- A. रिन्यू पावर प्राइवेट लिमिटेड
- B. सुजलॉन एनर्जी लि.
- C. ग्रीनको एनर्जीज प्राइवेट लिमिटेड
- D. सोलरियम ग्रीन एनर्जी

Ans. C

Sol.

- Hyderabad based energy solution provider, Greenko Energies Private Limited has entered into a Memorandum of Understanding (MoU) with NTPC Vidyut Vyapar Nigam (NVTN) to explore renewable energy power supply solution and energy storage.

- This comes under the framework of India's World largest clean energy programme, a part of global climate change commitments, which aims to have 175 GW of clean energy by 2022.

- NTPC Vidyut Vyapar Nigam (NVTN) is a wholly-owned subsidiary of NTPC limited.

104. आयुष्मान भारत प्रधानमंत्री जन आरोग्य योजना (AB PM-JAY) के तहत लाभार्थियों को ई-कार्ड की प्रिंटिंग सेवाएं प्रदान करने के लिए राष्ट्रीय स्वास्थ्य प्राधिकरण (NHA) के साथ निम्नलिखित में से किसने समझौता ज्ञापन पर हस्ताक्षर किए हैं?

- A. इंडिया स्मै टेक्नोलॉजी सर्विसेज लिमिटेड
- B. यूटीआई इन्फ्रास्ट्रक्चर टेक्नोलॉजी एंड सर्विसेज लिमिटेड (UTIITSL)
- C. आईएल एंड एफएस एजुकेशन एंड टेक्नोलॉजी सर्विसेज लिमिटेड
- D. एचसीएल टेक्नोलॉजी प्राइवेट लिमिटेड



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Ans. B

Sol.

- UTI Infrastructure Technology And Services Limited (UTIITSL) has signed MoU with National Health Authority (NHA) for providing the printing services of e-cards to the beneficiaries under Ayushman Bharat Pradhan Mantri Jan Arogya Yojana (AB PM-JAY).
- UTIITSL will be providing the services of printing of e-cards through its branches and PSAs.
- The National Health Authority (NHA) is the apex agency of the Government of India responsible for the design, roll-out, implementation and management of Ayushman Bharat- Pradhan Mantri Jan Arogya Yojana (AB PM-JAY) and the National Digital Health Mission across the country.
- NHA functions as an attached office of the Ministry of Health and Family welfare and is governed by a Governing Board chaired by the Union Minister of Health & Family Welfare.

105. किस सरकारी निकाय ने अपने सलाहकारों, ठेकेदारों और रियायतों के लिए पारदर्शी और व्यापक प्रदर्शन रेटिंग प्रणाली स्थापित करने के लिए 'वेंडर प्रदर्शन मूल्यांकन प्रणाली' विकसित की है?

- A. राष्ट्रीय स्वास्थ्य प्राधिकरण (NHA)
- B. पेंशन फंड नियामक और विकास प्राधिकरण
- C. भारतीय बीमा विनियामक और विकास प्राधिकरण
- D. भारतीय राष्ट्रीय राजमार्ग प्राधिकरण (NHAI)

Ans. D

Sol.

- The National Highways Authority of India (NHAI) has developed the 'Vendor Performance Evaluation System' to

establish a transparent and comprehensive performance rating system for its consultants, contractors and concessionaires.

- The portal-based objective assessment of vendors was initiated to track the vendor performance for various NHAI projects.
- The vendors are required to conduct a self-assessment and upload the documents related to the project activities executed by them on the portal.
- Vendor rating is generated based on the review (of the submissions) made by the NHAI at multiple levels.

106. महानिदेशक राष्ट्रीय कैडेट कोर (DGNCC) मोबाइल प्रशिक्षण ऐप किसने लॉन्च किया है?

- A. नरेंद्र मोदी
- B. बिपिन रावत
- C. राजनाथ सिंह
- D. मनोज मुकुंद नरवाने

Ans. C

Sol.

- The Directorate General National Cadet Corps (DGNCC) Mobile Training App has been launched by the Raksha Mantri Shri Rajnath Singh.
- The Mobile Training App will support in conducting countrywide online training of NCC cadets as it has been affected adversely due to the restrictions imposed by COVID-19.
- The DGNCC Mobile Training App seeks to offer entire training material to the NCC cadets on one platform.
- This will also led to the automation of of NCC training.
- The mobile application will also allow the cadets to post their queries related to the



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training syllabus and these will be answered by a panel of qualified instructors.

107. टेस्ट मैच क्रिकेट में 600 विकेट लेने वाले पहले फास्ट बॉलर कौन बन गए हैं?

- A. जेम्स एंडरसन
- B. पैट कर्मिंस
- C. नाथन ल्योन
- D. स्टुअर्ट ब्रॉड

Ans. A

Sol.

- England's James Anderson became the first-ever fast bowler to take 600 wickets in a Test Match Cricket.
- He achieved this feat against Pakistan when he dismissed Azhar Ali.
- Overall, he is the 4th bowler to take 600 test wickets after 3 spinners Muttiah Muralitharan, Shane Warne, and Anil Kumble.
- Anderson, who made his Test debut in 2003 against Zimbabwe, had become the highest wicket-taker among seamers in 2018 when he dismissed Mohammed Shami against India at The Oval to go past Glenn McGrath's tally of 563 Test wickets.

108. 'ग्रैंडपेरेंट्स' बैग ऑफ स्टोरीज नामक पुस्तक किसने लिखी है?

- A. झुंपा लाहिड़ी
- B. चेतन भगत
- C. अमिताव घोष
- D. सुधा मूर्ति

Ans. D

Sol.

- The book titled 'Grandparents' Bag of Stories is authored by Sudha Murty.

- This was announced by the publishing house Penguin Random House India on the 70th birthday of award-winning author.
- The book, scheduled to be released in November, is a sequel to Murty's last release Grandma's Bag of Stories and will feature 20 stories.

109. किस राज्य ने वैश्विक महामारी COVID-19 के दौरान घरों में अकेले रहने वाले बुजुर्गों के लिए "एक संकल्प - बुजुर्गों के नाम" अभियान शुरू किया है?

- A. उत्तर प्रदेश
- B. तेलंगाना
- C. मध्य प्रदेश
- D. हरियाणा

Ans. C

Sol.

- The Chhatarpur Police of Madhya Pradesh has been running a campaign "Ek Sankalp-Bujurgo ke naam" in the midst of corona infection in the state.
- "Ek Sankalp-Bujurgo ke naam" i.e. 'a commitment for elders' is proving to be a boon for the elderly and helpless people living alone in homes during the global pandemic COVID-19.
- Under this campaign, the police personnels are taking care of the elderly people from the food to their health.
- This campaign is in line of the motto of Madhya Pradesh Police i.e. "Desh Bhakti-Jansewa".

110. किस संस्थान ने कोरोनावायरस-प्रवण क्षेत्रों को साफ करने के लिए एक यूवी कीटाणुशोधन टॉवर विकसित किया है?

- A. आईआईटी दिल्ली
- B. डीआरडीओ
- C. इसरो



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D. जीआरएसई

Ans. B

Sol.

- The Defence Research and Development Organisation (DRDO) has developed an ultra violet (UV) disinfection tower for rapid and chemical-free disinfection of high infection-prone areas.
- The equipment named UV Blaster is “useful for high tech surfaces like electronic equipment, computers and other gadgets in laboratories and offices that are not suitable for disinfection with chemical methods.
- The product is also effective for areas with large flow of people such as airports, shopping malls, metros, hotels, factories and offices.

111. भारतीय रेलवे के किस विभाग ने रेलवे संपत्ति की सुरक्षा के लिए ड्रोन आधारित निगरानी प्रणाली शुरू की है?

- A. दक्षिण पूर्वी रेलवे
- B. दक्षिण मध्य रेलवे
- C. पूर्वी रेलवे
- D. सेंट्रल रेलवे

Ans. D

Sol.

- The Mumbai Division of Central Railway zone has recently procured Ninja UAVs.
- RPF has procured as many as nine drones at a cost of Rs 31.87 lakh at Central Railway, South Eastern Railway, South Western Railway, Modern Coaching Factory, and Raebareli.
- The drone-based surveillance system acts as an “Eye in the sky” and monitors the whole area.

112. किस कंपनी ने व्यापारियों से स्टील स्क्रेप प्राप्त करने के लिए विश्व में अपनी तरह का पहला मोबाइल एप्लिकेशन (ऐप), “फेरोहाट ऐप” लॉन्च किया है?

- A. आर्सेलर स्टील
- B. मित्तल स्टील
- C. जे.एस.डब्ल्यू
- D. टाटा स्टील

Ans. D

Sol.

- Steel Recycling Business, a division of Tata Steel, has launched FerroHaat, a first-of-its-kind mobile application, to source steel scrap from the traders.
- The new app is a major step by the company to organise India's scrap market while also providing a reliable source of scrap metal for the steel industry.
- The launch of FerroHaat underlines Tata Steel's commitment to foster trust, transparency and ease of doing business in the scrap industry

113. किस राज्य सरकार ने निर्माण श्रमिकों के लिए 24 अगस्त से 11 सितंबर तक निर्माण मजदूर पंजीकरण अभियान शुरू किया है?

- A. महाराष्ट्र
- B. दिल्ली
- C. उत्तर प्रदेश
- D. गुजरात

Ans. B

Sol.

- Delhi government has launched a mega registration campaign for construction workers from August 24 to September 11.
- Special camps would be set up for construction workers to register themselves and take advantage of nearly 18 different assistance schemes.



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- Delhi government will set up camps at 70 schools—one each in all the 70 assembly constituencies of Delhi—to help workers who are not tech-savvy.
- Workers can also submit the application online by visiting [www.edistrict.delhigovt.nic.in](http://www.edistrict.delhigovt.nic.in).

114. इंपाल के एक कक्षा 9 के छात्र द्वारा विकसित ऐप का नाम बताइए जो कोविड के दिशानिर्देशों पर आधारित है।

- A. GoCoronaboi
- B. TargetCovid
- C. Covid Boi
- D. Coroboi

Ans. D

Sol.

- A class 9 student from Imphal, Baldeep Ningthoujam has developed a mobile game 'Coroboi' amid COVID-19 pandemic.
- The game, based on COVID guidelines is now available for Android users.
- According to the description of the app on Google play store, "Coroboi, a boy from India(Manipur) is stranded and wants to return home.

115. भारतीय प्रौद्योगिकी संस्थान, मद्रास ने किस विश्वविद्यालय के साथ मिलकर टॉक्सिक फार्मास्यूटिकल अपशिष्ट जल के सुरक्षित निपटान के लिए एक विधि विकसित की है?

- A. प्रिंसटन विश्वविद्यालय
- B. स्टटगार्ट विश्वविद्यालय
- C. हार्वर्ड विश्वविद्यालय
- D. ऑक्सफोर्ड विश्वविद्यालय

Ans. B

Sol.

- A team of researchers from Indian Institute of Technology, Madras (IIT-M) and

Stuttgart University, Germany have developed a co-composting method, where they mix low concentrations of chemical compounds with dry sewer waste and organic waste, for safe disposal of toxic pharmaceutical wastewater sludge.

- The team studied the degradation pattern of two chemical compounds commonly found in water bodies in South India – triclosan, an antibacterial agent also used as a preservative in soaps, skin creams, toothpaste and deodorants, and carbamazepine, an anti-epileptic drug.

116. किस राज्य सरकार ने दुनिया के विभिन्न देशों में काम कर रहे राज्य के प्रवासी श्रमिकों के लिए एक एनआरआई एकीकृत पोर्टल लॉन्च किया है जो उन्हें आपातकाल के दौरान सहायता प्रदान करने में मदद करेगा?

- A. हरियाणा
- B. मध्य प्रदेश
- C. उत्तर प्रदेश
- D. छत्तीसगढ़

Ans. C

Sol.

- In Uttar Pradesh, the State Government will prepare a database of the migrant workers of the state working in different countries of the world.
- It will help in providing them assistance during any emergency.
- This portal would not only help in investment in the state, but also provide an opportunity for those who want to go abroad.
- It would also prove helpful to overseas Indians and NRIs to get their problems with the local administration or the State Government resolved.



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117.सरकार ने किस ऐप में एक "ओपन एपीआई सेवा" शुरू की है, जो लोगों को, व्यापार और अर्थव्यवस्था को सामान्य स्थिति में लौटने में मदद करेगा?

- A. Covid19 feedback
- B. MyGov
- C. Umang
- D. Aarogya Setu

Ans. D

Sol.

- The Government has introduced 'Open API Service', a novel feature to help the people, businesses and the economy to return to normalcy.
- The Open API Service of Aarogya Setu, can be availed by organisations and business entities, who are registered in India with more than 50 employees, and they can use the Open API Service to query the Aarogya Setu Application in real-time and get the health status of their employees or any other Aarogya Setu User, who have provided their consent for sharing their health status with the organization.
- Aarogya Setu has now emerged as the most downloaded contact tracing App in the world.

118."हू पेंटेड माई लस्ट रेड (Who painted my lust red)" नामक पुस्तक को किसने लिखा है?

- A. अमीश त्रिपाठी
- B. चेतन भगत
- C. सुधा मूर्ति
- D. श्री अय्यर

Ans. D

Sol.

- A book titled "Who painted my lust red?" has been authored by Sree Iyer. The book

is something about when Bollywood meets Cricket meets Politicians.

- This is the second book in this series of Sree Iyer's Money Trilogy series. The first book was "Who painted my money white?".

119.केंद्रीय सड़क परिवहन और राजमार्ग मंत्री, नितिन जयराम गडकरी ने किस राज्य में 45 राजमार्ग परियोजनाओं का उद्घाटन और शिलान्यास किया?

- A. मध्य प्रदेश
- B. महर्षि
- C. उत्तर प्रदेश
- D. बिहार

Ans. A

Sol.

- Nitin Jairam Gadkari, Union Minister for Road Transport and Highways inaugurated and laid foundation stones for 45 highway projects in Madhya Pradesh (MP) during a virtual event.
- He also announced that Rs.700 crore from the Central Road Fund (CRF) will be utilised for the road sector of Madhya Pradesh.
- The aim was to complete projects worth Rs 50,000 crore out of Rs 1.25 lakh crore by 2023.
- The inaugurated project consists of a road length of around 1361 kilometers(km) with a construction cost of Rs.11427 crore.

120.नीति आयोग द्वारा गठित टास्क फोर्स का नेतृत्व किसने किया था, जिसमें गन्ना मूल्य को चीनी की दर से जोड़ने की सिफारिश की गई थी?

- A. वी के सारस्वत
- B. वी के पॉल
- C. रमेश चंद
- D. बिबेक देबरॉय



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Ans. C

Sol.

- The panel on 'Sugarcane and Sugar Industry', headed by Niti Aayog Member (Agriculture) Ramesh Chand has submitted its report.
- The Niti Aayog task force has recommended linking sugarcane prices to sugar rates to keep the industry in sound financial health.
- It has also pitched for a one-time increase in minimum sugar price to Rs 33 per kilo to help sugar mills cover the cost of production.
- The task force also recommended shifting of some areas under sugarcane cultivation to less water-intensive crops by providing suitable incentive to farmers.

121. मानसिक गणना विश्व कप (MCWC) में भारत के लिए पहला स्वर्ण पदक किसने जीता है?

- A. सुनील मेहता
- B. अंजनी प्रताप सिंह
- C. नीलकंठ भानु प्रकाश
- D. शशि भूषण

Ans. C

Sol.

- Twenty-Year old Neelakantha Bhanu Prakash Jonnalagadda of Hyderabad has bagged the first ever Gold Medal for India in Mental Calculations (MC) World Cup (MCWC) held on August 15, 2020 by Mind Sports Olympiad (MSO).
- The MSO was held virtually with 30 participants, who were upto 57 years of age. The participants were from 13 countries including the UK, Germany, UAE, France, Greece and Lebanon.

- Bhanu Prakash had secured the gold medal with a score of 167, Lebanese contender Mohammed El Mir secured the Silver Medal with a score 102 and Asmita Pal from the UAE bagged the Bronze medal with a score of 100 points.
- He has created a new All Time Record and has beaten the records of Math Maestros like Shakuntala Devi and Scott Flansburg.

122. 'रनिंग टूवार्ड मिस्ट्री: द एडवेंचर ऑफ अन अन्कन्वेन्शनल लाइफ' नामक पुस्तक किसने लिखी है?

- A. तेनजिन प्रियदर्शी
- B. जारा हाउसमंड
- C. अमीष त्रिपाठी
- D. A और B

Ans. D

Sol.

- The book 'Running Toward Mystery: The Adventure of an Unconventional Life' authored by Tenzin Priyadarshi and co-written by Zara Houshmand released.
- The book provides an account of how the Dalai Lama traced his Spiritual Teacher Khunu Lama in India.
- Tenzin Priyadarshi is the President and CEO of The Dalai Lama Center for Ethics and Transformative Values at the Massachusetts Institute of Technology (MIT) and Zara Houshmand is an Iranian American author and literary translator.
- The author Priyadarshi talks about teachers who have influenced his life including Dalai Lama, Former Archbishop of Cape Town Desmond Tutu and Mother Teresa.



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• The book also shares his thoughts on Science and Technology, Meditation and Spiritual Disillusionment and the relationship between Buddhism and the modern world.

123. केंद्रीय मंत्री, जितेंद्र सिंह द्वारा जारी "गैस्ट्रिक कैंसर" नामक कैंसर पर आधारित पुस्तक किसने लिखी है?

- A. डॉ. विनोद रैना
- B. डॉ. राहुल भार्गव
- C. डॉ. अशोक के. वैद
- D. डॉ. मानस कालरा

Ans. C

Sol.

- A book on cancer titled "Gastric Cancer" was released by Union Minister, Jitendra Singh.
- The book has been edited by Dr Ashok K. Vaid.
- The book was launched during a special session organized during the 3-day virtual conference on Oncology.
- The book is published by Springer Healthcare Education.
- Ashok K. Vaid is a Noted Oncologist and was awarded Padma Shri in 2009 for his outstanding work in the field of medicine.

124. भारत के सबसे लंबे नदी रोपवे (रज्जुमार्ग) का उद्घाटन भारत के किस राज्य में किया गया है?

- A. हिमाचल प्रदेश
- B. असम
- C. उत्तराखंड
- D. अरुणाचल प्रदेश

Ans. B

Sol.

- The longest river ropeway of India has been inaugurated in Assam.

• The ropeway is 1.8 Km long and connects Guwahati and North Guwahati over Brahmaputra river.

• The ropeway will be operated from Kachari Ghat in Guwahati to Dol Govinda temple in North Guwahati.

• The new ropeway service empowered with state-of-the-art technology will decrease the travel time between Guwahati and North Guwahati.

• It is also expected to strengthen the tourism sector as it will enable people to see the landscapes of Guwahati city, mighty Brahmaputra including the Umananda Temple on Peacock island.

125. आर्मी -2020 इंटरनेशनल मिलिट्री एंड टेक्निकल फोरम में इंडिया पैवेलियन का उद्घाटन किस देश में किया गया था?

- A. जर्मनी
- B. फ्रांस
- C. ऑस्ट्रेलिया
- D. रूस

Ans. D

Sol.

• The India Pavilion at the Army-2020 International Military and Technical Forum was inaugurated by Secretary (Defence Production) Raj Kumar and Indian Ambassador DB Venkatesh Verma at Moscow, Russia.

• The forum will also host discussions among global military officials, researchers and defence industry experts about the application of 3D technologies in designing, manufacturing and operating weapons and military equipment.

• The forum was organised by the Russian Defence Ministry will be held from August



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23-29 at the Patriot Park near Moscow, which has been the venue since 2015.

126. भारत और किस मध्य एशियाई देश के बीच पारस्परिक रूप से सहमत परियोजनाओं के कार्यान्वयन की निगरानी हेतु राष्ट्रीय समन्वय समितियों की पहली बैठक संपन्न हुई?

- A. तुर्कमेनिस्तान
- B. कज़ाकस्तान
- C. उज़्बेकिस्तान
- D. तजाकिस्तान

Ans. C

Sol.

- The first meeting of the National Coordination Committees for monitoring implementation of mutually agreed projects between India and the Central Asian nation Uzbekistan was concluded.
- Both nations reexamined the activities of bilateral economic and trade cooperation which are in operation or planned for the future.
- The Committee was set up under the supervision of the Prime Minister of India Narendra Modi and President of Uzbekistan Shavkat Mirziyoyev.
- The objective of the committee is to conduct discussions and implementation of various mutually agreed projects.



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