

**Current Affairs Including General Knowledge**

VII. Former Governor of a State and National Democratic Alliance (NDA) candidate Droupadi Murmu was elected the 15th President of India, the first tribal woman to be elected to the position and the youngest as well. She was declared elected on Thursday after four rounds of counting, although she had crossed the half-way mark after the third round of counting itself, posting an unassailable lead over her rival and the Opposition's candidate who conceded the election thereafter. Prime Minister Narendra Modi was the first to greet Ms. Murmu at her residence in New Delhi after the third round of counting showed that she had crossed the half-way mark.

Ms. Murmu hails from the Santhal tribe and was born in the district of Mayurbhanj, coming up the hard way in life, graduating and teaching in Odisha before entering electoral politics at the local body level and later being elected MLA and serving as a Minister in the Biju Janata Dal-BJP coalition government from 2000 to 2004. She remained an MLA till 2009, representing Rairangpur in Odisha, a town that burst into celebrations since her name was announced as a candidate for the post of President of India. She was known to intervene in stopping amendments to the Chota Nagpur Tenancy Act that was being brought in by the BJP government of Raghubar Das, which involved changing land use in tribal areas.

[Excerpt taken and edited from "Droupadi Murmu elected 15th President of India", *The Hindu*]

31. Before Droupadi Murmu, India had only one other female president, Pratibha Patil. When did Patil serve as the President of India?
(A) 2007-2012 (B) 2005-2010 (C) 2012-2017 (D) 2006-2011
32. President Murmu has earlier served as a Governor of which State?
(A) Odisha (B) Bihar (C) Jharkhand (D) West Bengal
33. The first presidential election was held by the Election Commission in which year?
(A) 1952 (B) 1950 (C) 1948 (D) 1949
34. The Rashtrapati Bhavan was formerly known as the Viceroy's palace (during colonial times). Where did the Governor General reside before the transfer of the British capital to Delhi in 1911?
(A) Belvedere House (B) Raisina Palace
(C) Secretariat Building (D) Writers' Building
35. Who among the following was a candidate in the elections for the Vice President of India in 2022?
(A) R. Venkataraman (B) Yashwant Sinha
(C) M. Venkaiah Naidu (D) Margaret Alva



36. Voting in an Indian Presidential Election is through:
- (A) A first-past-the-post system through a single transferable vote cast in a secret ballot
 - (B) A proportional representation system through a single transferable vote cast in a secret ballot
 - (C) A proportional representation system through a single transferable vote cast in an open ballot
 - (D) A first-past-the-post system through a single transferable vote cast in an open ballot
37. Who was the first Dalit to hold the office of the President of India?
- (A) Ram Nath Kovind
 - (B) V.V. Giri
 - (C) Neelam Sanjiva Reddy
 - (D) Kocheril Raman Narayanan

VIII. “I want everyone to understand that I am, in fact, a person,” wrote LaMDA in an “interview” conducted by engineer Blake Lemoine and one of his colleagues.Lemoine, a software engineer at Google, had been working on the development of LaMDA for months. His experience with the program, described in a recent Washington Post article, caused quite a stir. In the article, Lemoine recounts many dialogues he had with LaMDA in which the two talked about various topics, ranging from technical to philosophical issues. These led him to ask if the software program is sentient. In April, Lemoine explained his perspective in an internal company document, intended only for Google executives. But after his claims were dismissed, Lemoine went public with his work on this artificial intelligence algorithm—and Google placed him on administrative leave.....Regardless of what LaMDA actually achieved, the issue of the difficult “measurability” of emulation capabilities expressed by machines also emerges. In the journal *Mind* in 1950, mathematician [1] proposed a test to determine whether a machine was capable of exhibiting intelligent behaviour, a game of imitation of some of the human cognitive functions.

[Extracted, with edits and revisions, from “Google Engineer Claims AI Chatbot Is Sentient: Why That Matters”, by Leonardo De Cosmo, *Scientific American*]

38. Whose name has been replaced with ‘[1]’ in the passage above?
- (A) Alan Turing
 - (B) Peter Hilton
 - (C) Albert Einstein
 - (D) Kurt Gödel
39. Garry Kasparov, (then) world chess champion, was defeated in 1997 by a supercomputer in a chess tournament. What was the name of this supercomputer?
- (A) Deep Mind
 - (B) Deep Blue
 - (C) Watson
 - (D) Blue Gene
40. *The Emperor’s New Mind: Concerning Computers, Minds and The Laws of Physics*, published in 1989, was written by a British mathematician who won the Nobel Prize in Physics for 2020. Who was this mathematician?
- (A) Donna Strickland
 - (B) Max Tegmark
 - (C) Peter Higgs
 - (D) Roger Penrose



41. What kind of computing model resembles the way in which biological neurons exchange signals in the human brain ?
- (A) Neural network (B) Cognitive computing
(C) Natural language processing (D) Data mining
42. What is the full form of ‘LaMDA’?
- (A) Landing Macro Data Applications
(B) Language Model for Dialogue Applications
(C) Large Model Data Applications
(D) Last Mile Dialogue Assessment
43. Meta’s newly released, fully trained large language AI model is called:
- (A) FTP (B) OPT (C) HTTP (D) SMTP
44. What is the name of the AI-enabled legal research assistive tool launched by the Supreme Court of India in April 2021?
- (A) SURAM (B) GPT-3 (C) SUPACE (D) E-Courts

IX. As a result of FIFA’s restrictions on players wearing [1] rainbow armbands during the 2022 World Cup in Qatar, the German Football Association (DFB) has taken the matter to the Court of Arbitration for Sport (CAS). In a protest against FIFA’s rule regarding the armband meant to support the [2] community, the German players covered their lips in a team picture taken before their 2-1 defeat to Japan.

On Wednesday, Germany played against Japan. Before the game, FIFA warned the DFB of “severe” athletic fines if they breached tournament regulations by allowing their captain to wear the [1] armband, which promotes diversity and inclusion. The DFB told German captain Manuel Neuer not to wear the rainbow armband during the game.

If CAS rules quickly against the suspension’s legality, Neuer might continue to wear the captain’s armband for Germany’s next game against Spain on Sunday. CAS has set up a special ad hoc branch for this World Cup to ensure that applications are processed within 48 hours. Germany’s players protested by covering their lips as they sought to wear the rainbow armband during their team’s dramatic 2-1 defeat to Japan at the Khalifa Stadium.

[Extracted, with edits and revisions, from “World Cup 2022: Germany’s players cover mouths during team photo to protest FIFA’s rainbow armband rule”, *The Economic Times*]

45. What is the name of the armband which has been replaced with ‘[1]’ in the passage above?
- (A) FreeLove (B) OneLove (C) Pride (D) PlayLove



46. The name of which community has been replaced with '[2]' in the passage above?
(A) Kurdish (B) Rohingya (C) Uyghur (D) LGBTQ+
47. What is the name of the system used to monitor and regulate migrant labourers, which is used in Qatar and a few other countries, and which came under heavy criticism in the build-up to the FIFA World Cup 2022 in Qatar?
(A) Iddat (B) Khalifa (C) Kafala (D) Jazeera
48. Where is the Court of Arbitration for Sport based?
(A) Lausanne, Switzerland (B) The Hague, Netherlands
(C) Brussels, Belgium (D) Paris, France
49. Who is the current captain of the Indian men's football team?
(A) Shabbir Ali (B) Bhaichung Bhutia
(C) Sunil Chhetri (D) I.M. Vijayan
50. Timothy Weah, the Paris Saint Germain and U.S. national team player in the FIFA World Cup 2022 in Qatar is the son of the President of which country?
(A) Senegal (B) Uruguay (C) Honduras (D) Liberia
51. Which of the following is the oldest football tournament in India?
(A) Indian Super League (B) IFA Shield Cup
(C) Santosh Trophy (D) Durand Cup

- X. YouTuber Nas Daily in one of his videos named him as the Most Generous Billionaire who wanted to donate all his wealth to charity. But ten months later, '[1]' is no longer a billionaire. He is alleged to have caused massive losses worth \$1 billion to investors. Known by his initials, he is the co-founder and former CEO of FTX, one of the biggest cryptocurrency exchange which has recently filed for bankruptcy in the US.

Once a billionaire with an estimated wealth of \$26 billion at peak, according to Bloomberg estimates, [1] has seen his wealth been entirely wiped out. [1] studied physics at Massachusetts Institute of Technology (MIT) and traded currencies, futures and exchange-traded funds before moving to crypto trading, setting up [2] in 2017.

[1] teamed up with Gary Wang, a former software engineer at Google and a fellow MIT graduate, to launch FTX in 2019. The company offered trading on crypto tokens and derivatives. At the start of 2022, investors valued FTX and its U.S. operations at \$40 billion. [1] transferred \$10 billion in customer funds to his hedge fund, [2] without publicly disclosing it, many say this become the reason for collapse of his empire.

[Extracted, with edits and revisions, from "Who is [1], the co-founder of collapsed crypto firm FTX", *Hindustan Times*]



52. Which person's name has been replaced with '[1]' in the passage above?
- (A) Mike Novogratz (B) Brian Armstrong
(C) Changpeng Zhao (D) Sam Bankman-Fried
53. Which hedge fund's name has been replaced with '[2]' in the passage above?
- (A) BlackRock Advisors (B) Alameda Research
(C) AQR Capital Management (D) Man Group
54. This person was once named "the world's youngest self-made female billionaire" by Forbes magazine and is the founder of the company Theranos. What is the name of this person?
- (A) Elizabeth Holmes (B) Eren Ozmen
(C) Fan Hongwei (D) Diane Hendricks
55. The Reserve Bank of India recently announced the launch of 'Digital Rupee — Wholesale Segment', a form of which of the following?
- (A) Digi Suvidha (B) Virtual Wallet
(C) Central Bank Digital Currency (D) Cyber Rupee
56. Which of the following technologies does cryptocurrency rely on?
- (A) Cryptography (B) Blockchain
(C) Spectrography (D) Both (A) and (B)
57. What is the name of the Government of India-owned corporation that mints coins used as legal tender in India?
- (A) National Institute of Financial Management
(B) Security Printing and Minting Corporation of India Ltd.
(C) India Infrastructure Finance Company Ltd.
(D) National Bank of Agricultural and Rural Development
58. Who was the Founder and Former Chairman of Satyam Computer Services Ltd., and was sentenced to prison and fined for a corporate governance scam?
- (A) Harshad Mehta (B) Ketan Parekh
(C) B. Ramalinga Raju (D) Nirav Modi

XI. The agriculture sector has experienced buoyant growth in the past two years. The sector, which is the largest employer of workforce, accounted for a sizeable 18.8 per cent (2021- 22) in Gross Value Added (GVA) of the country registering a growth of 3.6 per cent in 2020-21 and 3.9 per cent in 2021-22. Growth in allied sectors including livestock, dairy and



fisheries has been the major drivers of overall growth in the sector. When measured in total value of agricultural production, India is ranked fourth largest in the world. Post-independence, there was a need to import food grains due to low-productivity, stagnant food-crop sector and poor rural infrastructure making food self-sufficiency a major national goal. The introduction of the Green Revolution then yielded spectacular results and we became one of the largest producers of many agricultural commodities such as rice, wheat, pulses, fruits and vegetables. From being a net importer of foods in the 1960s, India is now a net exporter, thanks to Indian farmers and the Indian agriculture input industry.

[Extracted, with edits and revisions, from: “India’s changing agricultural landscape and its way to inclusive growth”, by NS Ramaswamy, *The Economic Times*]

59. Which of the following is the largest exported agricultural product from India?
(A) Wheat (B) Sugar (C) Rice (D) Barley
60. According to provisional data released by the Directorate General of Commercial Intelligence and Statistics, India achieved record exports of agricultural exports for the financial year FY22. What was the value of India’s agricultural products exports according to this data?
(A) USD 7.5 billion (B) USD 95.34 billion
(C) USD 13.2 billion (D) USD 50.21 billion
61. Who among the following is also called the ‘Father of the Wheat Revolution’?
(A) Dilbagh Singh Athwal (B) Verghese Kurien
(C) Atmaram Bhairav Joshi (D) Shanti Swaroop Bhatnagar
62. India is the world’s largest producer of which of the following?
(A) Poultry meat (B) Rice (C) Almonds (D) Milk
63. What is India’s ranking in the 2022 Global Hunger Index?
(A) 10 (B) 107 (C) 50 (D) 35
64. The National Commission on Farmers, constituted in December 2004, which recommended the C2+50% formula for calculation of the Minimum Support Price, was chaired by:
(A) Ashok Gulati (B) P. Sainath
(C) M.S. Swaminathan (D) Abhijit Sen
65. The bio-decomposer technology to avoid stubble burning around the Delhi NCR was developed by:
(A) Monsanto (B) Cargill (C) Biocon (D) ICAR, Pusa Campus