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Engineering Academy

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ESE- 2020 (Prelims) - Offline Test Series

Test-20

GENERAL STUDIES AND ENGINEERING APTITUDE

SUBJECT: CURRENT ISSUES OF NATIONAL AND INTERNATIONAL SOLUTIONS

01. Ans: (d)

02. Ans: (d)

03. Ans: (a)

Sol: Officials said the merger of the two UTs, located along the western coast near Gujarat, will be done for better administration and check duplications of various work. So far, both the Union Territories have separate budgets and different secretariats even though they are just 35 km apart. Dadra and Nagar Haveli has just one district while Daman and Diu has two.

04. Ans: (c)

Sol: The 2019 Hong Kong protests, also known as the Anti-Extradition Law Amendment Bill (Anti-ELAB) movement, is an ongoing series of demonstrations in Hong Kong triggered by the introduction of the Fugitive Offenders amendment bill by the Hong Kong government. If enacted, the bill would have empowered local authorities detain and extradite criminal fugitives who are wanted in territories with which Hong Kong does not currently have extradition agreements, including Taiwan and mainland China. This led to concerns that the bill would subject Hong Kong residents and visitors to the jurisdiction and legal system of mainland China, which would undermine the region's

autonomy and Hong Kong people's civil liberties.

05. Ans: (b)

Sol: The Kartarpur Corridor was first proposed in early 1999 by Atal Bihari Vajpayee and Nawaz Sharif, the prime ministers of India and Pakistan respectively, as part of the Delhi-Lahore Bus diplomacy.

06. Ans: (a)

Sol: Sri Lanka's former wartime defence Chief Gotabaya Rajapaksa, part of the country's most powerful political dynasty, has been elected president.

07. Ans: (d)

08. Ans: (c)

Sol: GAFA tax was introduced by France.

09. Ans: (b)

10. Ans: (c)

Sol:

- The French Government has invited India to visit the Al Dhafra air base in UAE where the Rafale aircrafts are on active operations. The base is currently executing Operation Chammal.



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- Operation Chammal is a French Military operation in Syria and Iraq to contain the expansion of Islamic State. The operation also supports Iraq army. The name of the operation comes from the north westerly wind that blows over Persian Gulf and Iraq.

11. Ans: (a)

Sol: British natural historian and television presenter David Attenborough will receive the Indira Gandhi Prize for Peace, Disarmament and Development for 2019. Attenborough was selected for spending his life revealing the wonders of the natural world and tirelessly working to make human beings realise the importance of preserving and protecting the biodiversity on our planet..

12. Ans: (a)

13. Ans: (c)

Sol: Union Government is planning to set up a new rocket launch pad near Kulasekarapattinam in Tamil Nadu. At present, the Indian Space Research organisation (ISRO) has two launch pads at Satish Dhawan Space Centre (SDCC) in Sriharikotta, Andhra Pradesh.

14. Ans: (b)

Sol: China now has more diplomatic posts across the world than United States in 2019. China has overtaken United States with 276 embassies and consulates worldwide, which is 3 more than US (both countries have an equal number of embassies but China has 3 more consulates). After China and US next three spots are occupied by France, Japan, and Russia respectively. India was ranked 12th among the 61 countries.

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15. Ans: (c) 16. Ans: (d)

17. Ans: (b) 18. Ans: (d)

19. Ans: (a) 20. Ans: (c)

21. Ans: (b) 22. Ans: (d)

23. Ans: (c) 24. Ans: (b)

25. Ans: (a)

Sol: In New Delhi, the Good Air Summit (GAS-2019) has been organized by the Integrated Health and Wellbeing Council (IHWC) under the theme 'Making India Breathe'. Over 2,000 students took the pledge to make environment greener and pollution-free at the summit.

26. Ans: (c)

Sol: Predatory pricing is the act of a market leader lowering its prices below its costs to gain an unfair advantage. The predator incurs short-term losses to hurt other players and drive them out of the market. Later, with fewer competitors, the predator can raise prices to recoup losses. Such behaviour is considered anti-competitive and can be taken up by competition or industry regulators for review.

Predatory pricing should not be confused with normal, competitive price wars. For instance, a firm that reduces costs below that of its competitors could offer products with lower prices.

27. Ans: (a)

Sol: The Gamosa is an article of great significance for the people of Assam.

It is generally a white rectangular piece of cloth with primarily a red border on three sides and red woven motifs on the fourth (in addition to red, other colors are also used). Although cotton yarn is the most common material for making/weaving gamosas, there

are special occasion ones made from Pat silk.

28. Ans: (d)

29. Ans: (b)

30. Ans: (a)

Sol: The Pension Fund Regulatory and Development Authority (PFRDA) has added one more category of investors who can invest in the National Pension System. PFRDA has stated that now Overseas Citizen of India (OCIs) can enrol to invest in NPS tier-1 accounts.

31. Ans: (b)

Sol: SECURE Himalaya project was launched by the Indian Government to ensure the conservation of forest resources, land and biodiversity with local and global significance on the inaugural day of the Global Wildlife Programme (GWP) conference. It covers the high Himalayan Ecosystem spread over Uttarakhand, Sikkim, Jammu & Kashmir and Himachal Pradesh.

32. Ans: (d)

33. Ans: (b)

Sol: Approximately 6000-7000 Rohingya refugees have agreed to be relocated to the newly built camp on the Bhashan Char Island.

The Bhashan Char is an uninhabited island around 30 kilometre east of Hatiya island in the South East Bangladesh. Hatiya has a population of 600,000. Bhashan Char island was formed about two decades ago on the mouth of river Meghna.

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34. Ans: (c)

Sol: The New Arrangement to Borrow is the fund mobilization arrangement of the IMF to mobilise additional funds through borrowing from member countries. Under NAB, member countries and institutions can stand ready to lend to the Fund. The NAB is structured as a set of credit arrangements between the IMF and 38-member countries (can be changed) and institutions.

35. Ans: (c)

Sol:

- Pradhan Mantri Kisan Maan-Dhan Yojana (PM-KMY) is an old age pension scheme for all land holding Small and Marginal Farmers (SMFs) in the country. It is a voluntary and contributory pension scheme for the entry age group of 18 to 40 years.
- A monthly pension of Rs. 3000/- will be provided to them on attaining the age of 60 years. The spouse is also eligible to get a separate pension of Rs.3000/- upon making separate contributions to the Fund.
- The farmers will have to make a monthly contribution of Rs.55 to Rs.200, depending on their age of entry, in the Pension Fund till they reach the retirement date i.e. the age of 60 years.

36. Ans: (c)

Sol: The European parliament has declared a global “climate and environmental emergency” as it urged all EU countries to commit to net zero greenhouse gas emissions by 2050.

37. Ans: (a)

Sol: PSLV C47 carrying Cartosat-3 was launched on 27 November 2019 at 03:58 UTC using XL variant of Polar Satellite Launch Vehicle from the second launch pad

of Satish Dhawan Space Centre into a sun synchronous orbit of 509 kilometers.

38. Ans: (b)

Sol: As per CRY report, Uttar Pradesh and Madhya Pradesh have topped the list of States for overall crimes against children. Both stood at 14.8% with over 19,000 cases.

39. Ans: (c)

Sol: To support diversification of jute sector, National Jute Board in collaboration with National Institute of Design and has opened Jute Design Cell at Gandhinagar. The government has also taken up the promotion of Jute Geo Textiles and Agro-Textiles with State Governments particularly that in North Eastern region and also with departments like Ministry of Road Transport and Ministry of Water Resources.

40. Ans: (d)

41. Ans: (a)

42. Ans: (d)

Sol: An international team of astronomers announced they directly detected water vapor in Europa's atmosphere for the first time. As detailed in a paper published in Nature Astronomy, this method of detection is strong evidence that liquid water exists beneath the surface of Europa.

43. Ans: (a)

44. Ans: (c)

45. Ans: (c)

46. Ans: (a)

Sol: In the latest quarter, India's GDP grew at the slowest pace in the last 7 years. The fall in consumption and investment impacted the industry segment in the latest quarter. The only component which saw a steep rise was the public administration and defence services which were mostly fuelled by the government.

HEARTY CONGRATULATIONS TO OUR **ESE - 2019** TOP RANKERS

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(EE: **9**, E&T: **8**, ME: **9**, CE: **7**) and many more...



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47. Ans: (b)

48. Ans: (a)

49. Ans: (a)

Sol: Unified Payments Interface (UPI) is a payment system launched by National Payments Corporation of India (NPCI). It facilitates the fund transfer between two bank accounts through a smartphone. It converts multiple bank accounts into a single mobile application (of any participating bank), merging several banking features, seamless fund routing & merchant payments into one hood.

It may also be used for Utility Bill Payments, Over the Counter Payments and Barcode (Scan and Pay) based payments.

50. Ans: (a)

Sol: Mission Innovation was announced on November 30, 2015 due to pioneering

efforts by India, France and USA, as world leaders came together in Paris to undertake ambitious efforts to combat climate changes. Mission Innovation (MI) is a global initiative of 24 countries and the European Union to dramatically accelerate global clean energy innovation. As part of the initiative, participating countries have committed to double their governments' clean energy research and development (R & D) investments over five years, while encouraging greater levels of private sector investment in transformative clean energy technologies. These additional resources are expected to dramatically accelerate the availability of the advanced technologies that will define a future global energy mix that is clean, affordable, and reliable.