



ACE

Engineering Academy

Head Office : Sree Sindhi Guru Sangat Sabha Association, # 4-1-1236/1/A, King Koti, Abids, Hyderabad – 500001

Hyderabad | Delhi | Bhopal | Pune | Bhubaneswar | Lucknow | Patna | Bengaluru | Chennai | Vijayawada | Vizag | Tirupati | Kukatpally | Kolkata | Ahmedabad

30 in 30 days for June/19 - Detailed solutions

01. Ans: (C)

Exp:

- Puerto Williams, a growing hamlet draped in snow-covered peaks on the remote southern tip of the South American continent, has been upgraded to the category of “city” by Chilean authorities, making it the world’s southernmost city.
- Puerto Williams has nudged out Ushuaia, a neighbour in Argentina’s Tierra del Fuego, for the title.

02. Ans: (B)

Exp:

- The Generalized System of Preferences (GSP) is a U.S. trade program designed to promote economic growth in the developing world by providing preferential duty-free entry for up to 4,800 products from 129 designated beneficiary countries and territories.
- The objective of GSP was to give development support to poor countries by promoting exports from them into the developed countries.
- GSP promotes sustainable development in beneficiary countries by helping these countries to increase and diversify their trade with the United States.
- GSP provide opportunities for many of the world’s poorest countries to use trade to grow their economies and climb out of poverty.

03. Ans: (A)

Exp:

- Mount Etna is Europe’s highest and most active volcano outside the Caucasus.
- It is an active on the east coast of Sicily, Italy.
- The last major eruption was in 1992.

- The volcano lies above the convergent plate margin between the African Plate and the Eurasian Plate.
- Mount Etna is in an almost constant state of activity.
- United Nations has designated Mount Etna as a Decade Volcano and it was added to the list of UNESCO World Heritage Sites.

04. Ans: (D)

Exp:

- The Organisation of Islamic Cooperation (OIC) is the second largest inter-governmental organization after the United Nations with a membership of 57 states spread over four continents.
- The Organization is the collective voice of the Muslim world. It endeavours to safeguard and protect the interests of the Muslim world in the spirit of promoting international peace and harmony among various people of the world.

05. Ans: (B)

Exp:

- Confetti is a new social video interactive initiative from Facebook for Indian users.
- This is first of its kind live interactive show that is aimed at building community together. It has seen success in various South Asian countries already.

06. Ans: (C)

Exp:

- 15 December 1972, the General Assembly adopted a resolution (A/RES/2994 (XXVII)) designating June 5 as World Environment Day and urging “Governments and the organizations in the United Nations system to undertake on that day every year world-wide activities reaffirming their concern for the preservation and enhancement of the environment, with a view to deepening environmental awareness and to pursuing the determination expressed at the Conference.”
- The date coincides with the first day of the landmark Conference. Also on 15 December, the General Assembly adopted another resolution (A/RES/3000 (XXVII)) that led to the creation of the United Nations Environment Programme (UNEP), the specialized agency on environmental issues.

- Since the first celebration in 1974, the World Environment Day has helped UNEP to raise awareness and generate political momentum around growing concerns such as the depletion of the ozone layer, toxic chemicals, desertification and global warming. The Day has developed into a global platform for taking action on urgent environmental issues. Millions of people have taken part over the years, helping drive change in our consumption habits, as well as in national and international environmental policy.

07. Ans: (B)

Exp:

As per 3rd Advance Estimates, the estimated production of major crops during 2018-19 is as under:

- Food grains –283.37 million tonnes.
- Rice – 115.63 million tonnes. (record)
- Wheat – 101.20 million tonnes (record)
- Nutri / Coarse Cereals – 43.33 million tonnes.
- Maize –27.82 million tonnes.
- Pulses –23.22 million tonnes.
- Gram – 10.09 million tonnes.
- Tur –3.50 million tonnes.
- Oilseeds –31.42 million tonnes.
- Soybean – 13.74 million tonnes
- Rapeseed and Mustard – 8.78 million tonnes
- Groundnut – 6.50 million tonnes
- Cotton – 27.59 million bales (of 170 kg each)
- Sugarcane – 400.37 million tonnes (record)

08. Ans: (D)

Exp:

- The Sustainable Development Solutions Network (SDSN) and Bertelsmann Stiftung published the Sustainable Development Report 2019 including the SDG Index and Dashboards.
- The report details progress by countries on their achievement of the Sustainable Development Goals (SDGs).

- Sustainable Development Report is complementary to efforts conducted by National Statistical Offices and international organizations to collect and standardize indicators to monitor the SDGs.

09. Ans: (B)

Exp:

- Delhi Metro has started receiving 2 MW power from a 12 MW capacity waste-to-energy plant set up in Ghazipur
- The plant will mitigate over 8 million tons of Greenhouse Gases (GHG) over the life of the project

10. Ans: (C)

Exp:

- Repo rate is the rate at which the central bank of a country (Reserve Bank of India in case of India) lends money to commercial banks in the event of any shortfall of funds.
- Repo rate is used by monetary authorities to control inflation.

11. Ans: (C)

Exp:

- The PM-Kisan Yojna is an income support scheme for farmers. It is a 100% central sector scheme which will give farmers Rs. 6000/- per year in 3 equal instalments.
- From 01.04.2019, the scheme has been extended to cover all farmers; the total beneficiaries will be 14.5 crores.
- The pension scheme for small and marginal farmers will provide a social security net for all such farmers.
- Under this scheme a minimum fixed pension of Rs 3000 per month will be provided to the eligible small and marginal farmers subject to certain exclusion causes on attaining the age of 60 years.
- The scheme aims to cover around 5 crore beneficiaries in the first three years. It will be a voluntary and contributory pension scheme with entry age of 18 to 40 years.
- The beneficiary can opt to become member of the scheme by subscribing to a pension fund. The beneficiary would be required to contribute Rs. 100 per month at median entry age of 29 years.

12. Ans: (A)

Exp:

- The goAML application is a fully integrated software solution developed specifically for use by Financial Intelligence Units (FIU's) and is one of UNODC's strategic responses to financial crime, including money-laundering and terrorist financing.
- Financial Intelligence Units play a leading role in any anti-money laundering regime as they are generally responsible for receiving, processing and analyzing reports made by financial institutions or other entities according to the requirements of domestic anti-money laundering laws and regulations. Such reports and other information gathered by FIU's often provide the basis for investigations into money laundering, terrorist financing and other serious offences.
- goAML is specifically designed to meet the data collection, management, analytical, document management, workflow and statistical needs of any Finance Intelligence Unit.
- The goAML application was developed by the Information Technology Service (ITS) of UNODC in partnership with the UNODC Global Programme against Money Laundering, Proceeds of Crime and the Financing of Terrorism (GPML).

13. Ans: (C)

Exp:

- Operation Bandar (monkey) was the code-name given by IAF to the air strikes conducted by its Mirage-2000 fighters against the major Jaish-e-Mohammed training facility at Balakot in Pakistan on February 26, in response to the Pulwama terror attack which claimed the lives of 40 security personnel.
- The idea behind the name 'Operation Bandar' was to give a nondescript, mundane tag to the air strikes to maintain operational secrecy. It was chosen to make it sound like a routine, small-time affair.
- The Army, in turn, code-named its heightened operational alert and shoring up of defences along the border to thwart a possible Pakistan retaliation to the air strikes as "Operation Zafran" (saffron flowers used in cooking).
- The Navy, however, did not give any specific name to the deployment of its warships and submarines in the north Arabian Sea because they were already there as part of Tropex-2019 (theatre level operational readiness exercise) underway at that time.

14. Ans: (D)

Exp:

- June 5th – World Environment Day
- June 12th – International day against child labour
- June 14th – International Blood Donor Day
- June 21st – International Yoga Day

15. Ans: (B)

Exp:

- Indian Navy has deployed, in the Gulf of Oman, to re-assure Indian Flagged Vessels operating/transiting through Persian Gulf and Gulf of Oman following the maritime security incidents in the region.
- *IN* Ships Chennai and Sunayna have been deployed in the Gulf of Oman and Persian Gulf to undertake Maritime Security operations. In addition, aerial surveillance by *IN* aircraft is also being undertaken in the area. The Information Fusion Centre - Indian Ocean Region which was launched by the *IN* in December 2018 at Gurugram, is also keeping a close watch on the movement of ships in the Gulf region.
- Indian Navy remains committed to ensuring safety of Indian maritime trade and merchant vessels operating in the region and contributing towards maintaining a stable and peaceful Indian Ocean Region.

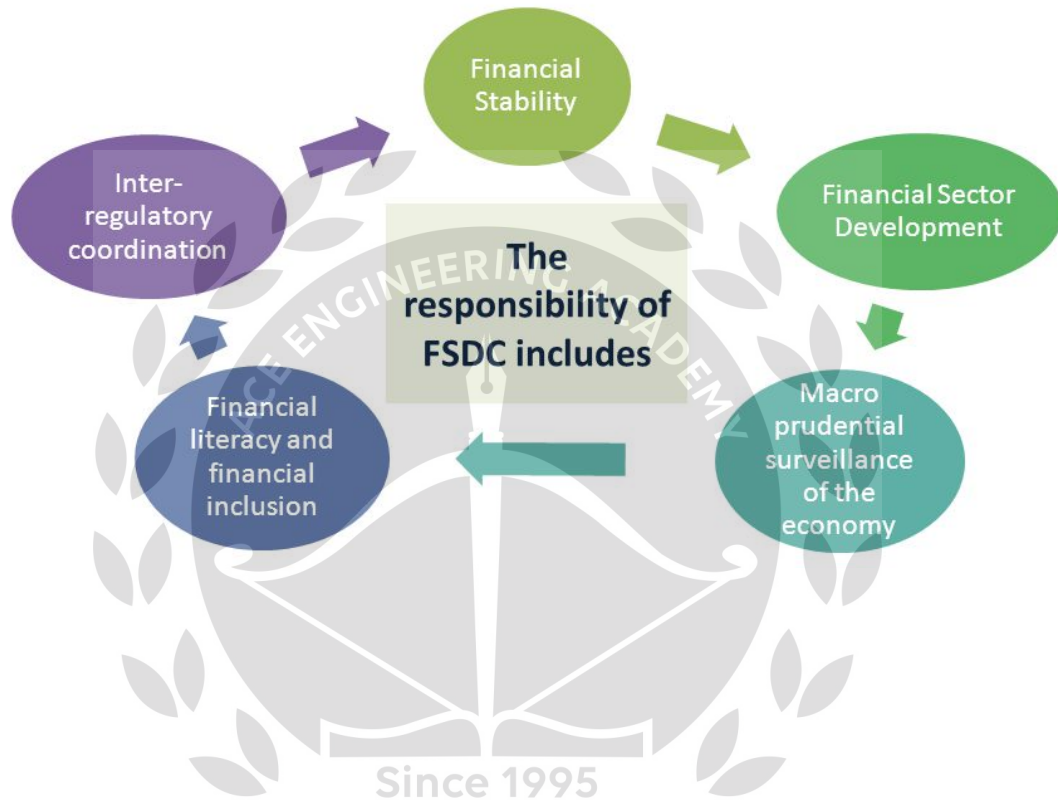
16. Ans: (C)

Exp:

- The Financial Stability and Development Council (FSDC) were constituted in December, 2010. The FSDC was set up to strengthen and institutionalise the mechanism for maintaining financial stability, enhancing inter-regulatory coordination and promoting financial sector development.
- An apex-level FSDC is not a statutory body.

Financial Stability and Development Council

The FSDC, set up in 2010, is a body consisting all regulators and the Ministry of Finance. It is the highest forum in matters relating to financial stability. The Council is chaired by the Union Finance Minister



17. Ans: (D)

Exp:

- In a big boost to India-Bangladesh cooperation, the Government of India has decided to show BTV World, a channel owned by Bangladesh TV, on the Doordarshan Free Dish which will be available for the viewers of Doordarshan in our country.
- DD India would be made available in Bangladesh for being viewed by the people in that country.
- This arrangement is as a result of an MoU signed between Prasar Bharati and Bangladesh TV(BTV) on 7th May, 2019.
- The channel – BTV World would be of special interest to the viewers of Eastern India. The decision marks an important watershed in the strengthening of ties between the two countries and follows with an earlier decision taken by the two Governments to co-produce a film on Banga Bandhu Sheikh Mujibur Rahman, which will be directed by the eminent film Director/Producer Shri Shyam Benegal.

18. Ans: (B)

Exp:

- The global population is projected to increase by another 2 billion people by 2050, from 7.7 billion in 2019 to 9.7 billion thirty years down the line.
- Between now and 2050, 55 countries are estimated to see their populations shrink by at least one per cent.
- Incidentally, since 2010, 27 countries have recorded a minimum one per cent reduction in population. This trend of a growing number of countries experiencing a decline in population has been attributed to sustained low levels of fertility and, in some cases, high rates of emigration.
- In China, the largest of these 55 countries, the population is projected to shrink by as much as 2.2 per cent or 31.4 million by 2050.
- Overall, the world's population is ageing, with the age group of 65 and above growing at such a fast rate that by 2050, one in six people in the world will be part of it as compared to one in 11 in 2019. By the end of the century, the world population is set to peak at a level of about 11 billion.
- Life expectancy: Although overall life expectancy will increase (from 64.2 years in 1990 to 77.1 years in 2050), life expectancy in poorer countries is projected to continue to lag behind.
- Sex ratio: Males are projected to continue to outnumber females until the end of the century, but the gap will close.

19. Ans: (A)

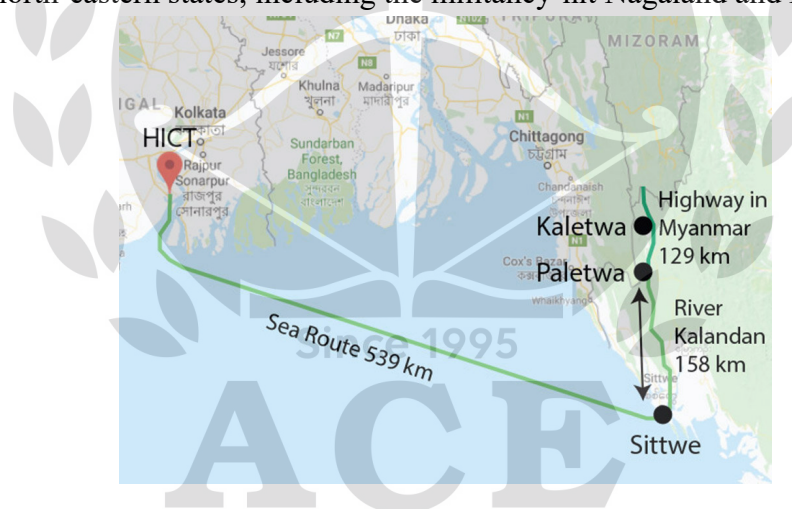
Exp:

- Sri Lanka's first satellite 'Raavana-1' was launched into space from NASA's Flight Facility on Virginia's east shore. 'Raavana 1' weights around 1.05 kg and the lifespan of the satellite is around one and a half years.
- The launch marks Sri Lanka's entry into the global space age.
- The satellite was designed and built at the Kyushu Institute of Technology in Japan by two Sri Lankan research engineers. Its camera mission is to capture images of Sri Lanka and its neighbouring countries.

20. Ans: (B)

Exp:

- “Operation Sunrise 2” is a coordinated operation by armies of India and Myanmar. It is a three-week-long operation carried out in their respective border areas, targeting several militant groups operating in Manipur, Nagaland and Assam.
- The first phase of “Operation Sunrise” was conducted three months ago along the Indo-Myanmar border, during which, the Indian Army targeted members of the Arakan Army, an insurgent group in Myanmar, who were opposed to the Kaladan multi-modal transit transport project. The project is viewed as India’s gateway to Southeast Asia.
- In “Operation Sunrise 2”, the armies coordinated with each other to bust camps of militant outfits, including the Kamtapur Liberation Organisation, the National Socialist Council of Nagaland(Khaplang), the United Liberation Front of Assam (I) and the National Democratic Front of Boroland.
- Myanmar is one of the strategic neighbours of India and shares a 1,640-km border with a number of north-eastern states, including the militancy-hit Nagaland and Manipur.



21. Ans: (C)

Exp:

- The United Nations Environment Programme (UNEP) is the leading global environmental authority that sets the global environmental agenda, promotes the coherent implementation of the environmental dimension of sustainable development within the United Nations system and serves as an authoritative advocate for the global environment.
- UNEP’s work encompasses: assessing global, regional and national environmental conditions and trends; developing international and national environmental instruments and; strengthening institutions for the wise management of the environment.

22. Ans: (C)

Exp:

- According to the United Nations Conference on Trade and Development (UNCTAD) World Investment Report 2019, India received foreign direct investments worth USD 42 billion in 2018.
- India attracted over 77% of the total foreign direct investments that came to the South Asian region.
- The global FDI slipped by 13% in 2018, to US\$1.3 trillion from \$1.5 trillion in 2017, the third consecutive annual decline.
- In South Asia, overall, FDI inflows increased by 3.5% to \$54 billion. The prospects for FDI inflows into South Asia are largely determined by expectations of growing investment into India.
- Investment in India rose by 6% to USD 42 billion with strong inflows in manufacturing, communication, financial services and cross-border merger and acquisition activities. However, India's rank as a source country for FDI fell one notch to the 10th position as it was overtaken by Spain.
- Among others in the South Asian region, FDI flows to Bangladesh and Sri Lanka rose to a record level, to USD 3.6 billion and USD 1.6 billion, respectively, while Pakistan witnessed a 27% decline in investment to USD 2.4 billion.



23. Ans: (B)

Exp:

- Chinese President Xi Jinping was conferred with the highest national award of Kyrgyzstan, which is hosting the 19th Shanghai Cooperation Organisation (SCO) summit.
- President of Kyrgyzstan Sooronbay Jeenbekov awarded his Chinese counterpart (Xi Jinping) the Manas Order of the First Degree, the country's highest national prize.

24. Ans: (D)

Exp:

- The speaker of the Lok Sabha/legislative assembly vacates the office immediately before the first meeting of the newly elected house.
- Hence President/governor appoints the pro-tem speaker to preside over the sittings of the house.
- Usually the senior most member is elected as the pro-tem speaker and not compulsory.
- The president/governor will administer the oath of the office for the pro-tem speaker.
- When the house elects the new speaker the office of the pro-tem speaker ceases to exist. Hence the office of the pro-tem speaker is a temporary one which will be in existence for few days.

25. Ans: (B)

Exp:

- Jammu and Kashmir's two separated communities, Muslims and Pandits, witnessed a rare union on the annual festival of Zyesht Ashtami at the Kheer Bhawani temple in Ganderbal district of Jammu and Kashmir.
- Keeping the age-old tradition alive, local Muslim shopkeepers were seen selling earthenware lamps, marigold flowers and other puja paraphernalia at the temple.
- The festival is fast emerging as a source of healing of relationships between the Pandits and Muslims of Kashmir.

26. Ans: (C)

Exp:

- BharatNet is a project of national importance to establish, by 2017, a highly scalable network infrastructure accessible on a non-discriminatory basis, to provide on demand, affordable

broadband connectivity of 2 Mbps to 20 Mbps for all households and on demand capacity to all institutions, to realise the vision of Digital India, in partnership with States and the private sector.

- The entire project is being funded by Universal service Obligation Fund (USOF), which was set up for improving telecom services in rural and remote areas of the country.
- The objective is to facilitate the delivery of e-governance, e-health, e-education, e-banking, Internet and other services to the rural India.
- The project is a Centre-State collaborative project, with the States contributing free Rights of Way for establishing the Optical Fibre Network.

27. Ans: (A)

Exp:

- The Office of Economic Adviser, Department for Promotion of Industry & Internal Trade will be the nodal office for the Working Group and will process the report / recommendation of the Group for further necessary action.
- The Terms of Reference of the Working Group is:
 - I. To select the most appropriate Base Year for the preparation of a new official series of Index Numbers of Wholesale Price (WPI) and Producer Price Index (PPI) in India.
 - II. To review commodity basket of the current series of WPI and suggest additions / deletions of commodities in the light of structural changes in the economy witnessed since 2011-12
 - III. To review the existing system of price collection in particular for manufacturing sector and suggest changes for improvement.
 - IV. To decide on the computational methodology to be adopted for monthly WPI/PPI.
 - V. To examine the existing methodology of compilation of PPI approved by Technical Advisory Committee on Series of Prices and Cost of Living and suggest further improvement in compilation and presentation. The Working Group may recommend roadmap for switch over from WPI to PPI.
 - VI. To examine the method of computing linking factor adopted so far and suggest appropriate change in method of computing linking factor, if necessary.
 - VII. To suggest any other improvements as may be necessary for enhancing the reliability of the official series of WPI / PPI.
- The Chairman of the Working Group may co-opt experts / representatives of other agencies, as may be considered necessary.

- The current series of Wholesale Price Index (WPI) with 2011-12 as base year was introduced in May 2017. Since 2011-12, significant structural changes have taken place in the economy. Therefore, it has become necessary to examine the coverage of commodities, weighting diagram and related issues pertaining to the existing series of index numbers of Wholesale Price Index.

28. Ans: (B)

Exp:

- Sister cities or twin towns are a form of legal or social agreement between towns, cities, counties, oblasts, prefectures, provinces, regions, states, and even countries in geographically and politically distinct areas to promote cultural and commercial ties.

29. Ans: (A)

Exp:

- The Group of 20, also called the G-20, is a group of finance ministers and central bank governors from 19 of the world's largest economies, including those of many developing nations, along with the European Union. Formed in 1999, the G-20 has a mandate to promote global economic growth, international trade, and regulation of financial markets.
- The topics discussed by G-20 evolve in concert with the main global financial concerns of its membership. Initially, the group's discussion had a focus on sustainability of sovereign debt and global financial stability. Those themes have continued as frequent topics at the G-20's summits, along with discussions about global economic growth, international trade, and the regulation of financial markets.
- The G-20 is a leading forum for global financial issues whose members include major developed and developing economies.
- Although not a legislative body, its discussions help shape financial policy within each of its member countries.
- Recent agenda items at G-20 meetings have included cryptocurrency, food security, and trade wars.

30. Ans: (B)

Exp:

➤ The banking system of India consists of the central bank (Reserve Bank of India - RBI), commercial banks, cooperative banks and development banks (development finance institutions). These institutions, which provide a meeting ground for the savers and the investors, form the core of India's financial sector. Through mobilization of resources and their better allocation, banks play an important role in the development process of underdeveloped countries.

- I. Financial Sector in India consists of three main segments:
- II. Financial institutions -banks, mutual funds, insurance companies
- III. Financial markets -money market, debt market, capital market, forex market
- IV. Financial products -loans, deposits, bonds, equities

