



DAILY QUIZ APRIL-2018

ICT-KEY

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Q1. Answer: B)

Explanation:

- The NAVSTAR GPS system is composed of 24 satellites, and was created by the U.S. Department of Defense.
- GLONASS is also composed of 24 satellites but was developed in the Soviet Union and is operated by the Russian Aerospace Defense Forces.
- The Indian Regional Navigational Satellite System (IRNSS) is a regional satellite navigation system being developed by the Indian Space Research Organization.
- BeiDou Navigation Satellite System (BDS) developed by China

Q2. Answer: D)

Explanation: Technology giant Microsoft is betting big on areas such as artificial intelligence, cloud computing and augmented reality to woo customers by constructing largest cloud infrastructure.

Q3. Answer: B)

Explanation: India has become the second largest producer of mobile phones in the world after China as per data shared by Indian Cellular Association. India accounted for 11% of the global production in 2017 compared to 3% in 2014.

Q4. Answer: A)

Explanation: Hybrid vehicles have two sources available to them— a battery that powers an electric motor and a fuel tank that powers a normal petrol engine. Once the battery is depleted, the hybrid car switches over to the petrol engine, which then functions like any other normal car engine. The electric cars have the benefit of larger batteries since they do not have to share space with a petrol engine or fuel tank.

Q5. Answer: D)

Explanation: Tiangong-1 (Heavenly Palace or Celestial Palace-1) was China's first prototype space station or space laboratory. It was placed in orbit in September 2011 as part of China's efforts towards building its own space station independent and unconnected to any other international space-active countries.

Q6. Answer: D)

Explanation: Point Nemo, or "ocean point of inaccessibility," is a region in the South Pacific that is the loneliest place on the planet. It is used as a graveyard for controlled re-entries and a place where space junk can be dropped safely. The region is safe to land all kinds of waste because there is also not much life in the water here. It is also biologically not very diverse.

Q7. Answer: C)

Explanation:

- India emerged as the third most vulnerable country in terms of risk of cyber threats, such as malware, spam and ransomware, in 2017, moving up one place over previous year, according to a report by security solutions provider Symantec.
- Cryptojacking is defined as the secret use of your computing device to mine cryptocurrency.

Q8. Answer: A)

Explanation: SWAYAM Prabha is an initiative to provide 32 High Quality Educational Channels through DTH (Direct to Home) across the length and breadth of the country on 24X7 basis. It has curriculum based course content covering diverse disciplines.

Q9. Answer: A)

Explanation: NASA's Parker Solar Probe humanity's first mission to the Sun is undergoing final preparations for its launch scheduled for July 31.

Q10. Answer: C)

Explanation:

- The UIDAI has brought in a digitally-signed QR Code on e-Aadhaar that will now contain photograph of the Aadhaar holder
- This is in addition to demographic details
- To facilitate better offline verification of an individuals.

Q11. Answer: C)

Explanation:

- The Indian Institute of Technology (IIT)-Delhi is opening a Massive Multiple-Input, Multiple-Output (MIMO) lab on the campus which helps to establish India as a key global player in standardisation, R&D and manufacturing of 5G equipment.
- 5G base station prototype will be used to test and verify algorithms, and also to develop a complete 5G base station, which can possibly lead to manufacturing of 5G base stations in India with support/ collaboration from industry.

Q12. Answer: C)

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- It will help curb the emission of radiation harmful to health and also will allow less radio interference for better communication.

Q13. Answer: C)

Explanation:

- ISRO's Polar Satellite Launch Vehicle PSLV-C41 successfully launched the 1,425 kg IRNSS-1I Navigation Satellite from Satish Dhawan Space Centre SHAR, Sriharikota.

- IRNSS-1I is the latest member of the 'Navigation with Indian Constellation (NavIC)' system.
- IRNSS-1I is expected to replace IRNSS-1A, the first of the seven navigation satellites, that was rendered ineffective after its three rubidium atomic clocks failed
- The constellation will also provide signals in a space covering India and its surroundings, which could be utilised by using receivers on ground to determine position and time accurately.

Q14. Answer: C)

Explanation: They are a form of electromagnetic radiation which like visible light or infrared make up a portion of the entire spectrum. They can't be perceived by human eyes or ears, and they are not harmful in the Environment. The term radio spectrum typically refers to the full frequency range from 3 kHz to 300 GHz that may be used for wireless communication. In India, the Department of Telecommunications (DoT) conducts auctions of licenses for electromagnetic spectrum.

Q15. Answer: C)

Explanation:

- The Information and Broadcasting (I&B) Ministry has proposed the installation of a chip in new television set-top boxes to collect data on channels watched, with duration.
- The proposal was part of the Ministry's response to a number of recommendations made by the Telecom Regulatory Authority of India (TRAI) on issues related to new direct-to-home licenses.

Q16. Answer: A)

Explanation: The Minister of Commerce & Industry the FIEO Global Linker- a digital platform for MSME exporters to digitise their businesses and join a global community of growing businesses.

Q17. Answer: C)

Explanation:

- DARPAN' project is part of an IT modernisation plan of Department of Posts (Ministry of Communications)
- It aims at connect Rural Branch Post Offices in the country to enable them to do online Postal and Financial Transactions.

Q18. Answer: B)

Explanation:

- The IMD(India Meteorological Department) is an organisation under the Ministry of Earth Sciences (MoES)
- From this year, the India Meteorological Department (IMD) is likely to issue fortnightly forecasts of the monsoon's arrival in States, by tweaking one of its models to generate a 15-day lead time.

Q19. Ans: C

Explanation:

All credits to the fund require parliamentary approval and it has a **statutory support** under **Indian Telegraph (amendment) act 2003**.

Q20. Answer: D)

Explanation:

- From January 1, 2019 onward, all classes of motor vehicles hitting the roads will come fitted with tamper-proof high security registration plates (HSRP) that have a host of in-built security features
- HSRPs will have in-built security features, such as a self-destructive sticker with the engine and chassis numbers.
- A chromium-based hologram will be applied by hot stamping on the top left corner of the plates
- The plates will be fitted on the front and the rear of the vehicles, and windscreens will have a number plate tag with hologram

Q21. Answer: D)

Explanation:

- e-Vidhan is a mission mode project to digitize and make the functioning of State Legislatures in India paperless.
- It is a part of the broader Digital India Programme of the Government and is likely to contribute to the cleanliness & environment by reducing the use of papers to a great extent.
- One of the key component of the strategy devised for implementation of the project is to create Project Monitoring Units both at Central as well as State levels.

Q22. Answer: B)

Explanation:

- The Central Board of Secondary Education (CBSE) has come up with digital academic repository called 'Parinam Manjusha', which will allow students to find their mark sheets, pass and migration certificates online.
- It has been developed by the board in collaboration with NEGD (DigiLocker). Employers and educational institutions can use it to verify academic records and students can have the access to their certificates.

Q23. Answer: C)

Explanation:

- The Earth BioGenome Project (EBP) proposes a detailed genome-sequence draft of every eukaryote species (organisms with a defined nucleus and to which belong all plants and animals).
- It gave scientists a way to link networks of genes with disease and well-being, as well as discover unexpected links
- The greatest legacy of the EBP will be the gift of knowledge a complete Digital Library of Life that contains the collective biological intelligence of 3.5 billion years of evolutionary history

Q24. Answer: C)

Explanation:

- PRAGATI is a unique integrating and interactive platform.
- It is a three-tier system (PMO, Union Government Secretaries, and Chief Secretaries of the States)
- The platform is aimed at addressing common man's grievances, and simultaneously monitoring and reviewing important programmes and projects of the Government of India as well as projects flagged by State Governments.
- The PRAGATI platform uniquely bundles three latest technologies: Digital data management, video-conferencing and geo-spatial technology.

Q25. Answer: D)

Explanation:

- Atal Innovation Mission (AIM) including Self-Employment and Talent Utilization (SETU) is Government of India's endeavour to promote a culture of innovation and entrepreneurship.

- Its objective is to serve as a platform for promotion of world-class Innovation Hubs, Grand Challenges, Start-up businesses and other self-employment activities, particularly in technology driven areas.
- Entrepreneurship promotion through Self-Employment and Talent Utilization, wherein innovators would be supported and mentored to become successful entrepreneurs
- Innovation promotion: to provide a platform where innovative ideas are generated

Q26. Answer: A)

Explanation:

- NASA has cancelled Resource Prospector Mission, a mission to assay the resources that may be available to humans on the moon.
- The Resource Prospector mission would have sent a rover to the moon's Polar Regions to learn about water and other deposits on and just beneath the lunar surface.

Q27. Answer: C)

Explanation:

- eBiz is India's one-stop-shop of convenient and efficient online Government-to-Business (G2B) services.
- The core theme of eBiz lies in radical shift by Government in its service approach, from being department-centric to customer-centric, in providing services to the business community.
- eBiz is a collaborative effort involving government at the Central, State and municipal levels.
- It has been launched under The National E-Governance plan
- It will dramatically reduce the complexity in obtaining information and services related to starting and operating a business in India.
- It is under the guidance and aegis of The Department of Industrial Policy and Promotion (DIPP), Ministry of Commerce & Industry, Government of India.

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