



DAILY QUIZ MARCH-2018

ICT-KEY

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**Q1. Answer: C)**

Explanation: GOES-S is the second of the next generation of weather satellites operated by the National Oceanic and Atmospheric Administration (NOAA)

**Q2. Answer: C)**

Explanation:

- The waveguide E band is the range of radio frequencies from 60 GHz to 90 GHz in the electromagnetic spectrum. At these high frequencies the short wavelengths give the radiation a very directional quality, similar to visible light.
- The V band (“vee-band”) is a standard designation by the Institute of Electrical and Electronic Engineers (IEEE) for a band of frequencies in the microwave portion of the electromagnetic spectrum ranging from 40 to 75 gigahertz (GHz)

**Q3. Answer: A)**

Explanation: e-Margadarshi launched by Government of Karnataka is an online tool to help the youth to find employment.

**Q4. Answer: D)**

Explanation: The Madurai Police have come up with a new app “Cops Eye.” The benefits of App are:

- Based on face recognition feature, it would help them detect people with criminal backgrounds by clicking photographs with their mobile phones.
- Taking photograph of any person whose data is available with the centralised criminal analysing system will give all particulars
- It detects the criminal with 93% accuracy.
- This system will also avoid inconvenience caused to innocent people who are otherwise made to wait at the police station till doubts are cleared

**Q5. Answer: C)**

Explanation: Saposhi’ is a new malware detected by cyber security agencies which is capable of taking over electronic devices and turning them into

'bots', which can then be used for any purpose, including a Distributed Denial of Service attack which, with enough repower, can cripple entire industries.

**Q6. Answer: C)**

Explanation: A Distributed Denial of Service (DDoS) attack is an attempt to make an online service unavailable by overwhelming it with traffic from multiple sources.

Macro virus are malicious software that uses the macro capabilities of common applications such as spreadsheets and word processors to infect data.

**Q7. Answer: C)**

Explanation:

- Telecom Regulatory authority of India was established on 20 February 1997 by an Act of Parliament to regulate telecom services and tariffs in India. Earlier regulation of telecom services and tariffs was overseen by the Central Government.
- One of its main objectives is to provide a fair and transparent environment that promotes a level playing field and facilitates fair competition in the market.
- TRAI regularly issues orders and directions on various subjects such as tariffs, interconnections, quality of service, Direct To Home (DTH) services and mobile number portability.

**Q8. Answer: D)**

Explanation: The Weather Company (TWC), owned by IBM and the country's largest mapping firm MapmyIndia said that they would jointly offer users across sectors such as agriculture, automotive and logistics with hyper-local weather information that would help them plan activities better and insure against weather related eventualities.

Objectives are:

- TWC provides weather forecasts, data and insights to its users, Mapmy India's expertise will help the company give localised weather information, forecasts and trends with digital identification of hyper-local points or activity on "highly accurate maps".

- Both the firms are looking to help businesses and government bodies location-specific weather updates over a virtually-created boundary on digital maps of MapmyIndia.
- Weather data available on the digital maps could also help government bodies deal with natural disasters better.

**Q9. Answer: B)**

Explanation: The National Optical Fibre Network (NOFN) is a project initiated in 2011 and funded by Universal Service Obligation Fund to provide broadband connectivity to Gram panchayats of India. The project intended to enable the government of India to provide e-services and e-applications nationally.

**Q10. Answer: B)**

Explanation: Prime Minister Narendra Modi and his Israeli counterpart Benjamin Netanyahu inaugurated the iCreate centre in Ahmedabad.

**Q11. Answer: C)**

Explanation: The Lancet is a weekly peer-reviewed general medical journal. It is one of the world's oldest and best known general medical journals. The Lancet was founded in 1823 by Thomas Wakley, an English surgeon who named it after the surgical instrument called a lancet, as well as after the architectural term "lancet arch".

**Q12. Answer: C)**

Explanation: Virtual reality (VR) is a computer-generated scenario that simulates a realistic experience. The immersive environment can be similar to the real world in order to create a lifelike experience grounded in reality or sci-fi.

**Q13. Answer: B)**

Explanation: An Innovation Cell in the Ministry of Human Resource Development will be created to further strengthen the innovation efforts. It will be headed by a Scientist and comprise of a senior Ministry official and young professionals who bring to the table new ideas in promoting innovation.

**Q14. Answer: C)**

Explanation: India-based Neutrino Observatory (INO) is a particle physics research project under construction to primarily study atmospheric neutrinos in a 1,300 meters (4,300 ft) deep cave under Ino Peak near Theni, Tamil Nadu, India. The project is a multi-institute collaboration and one of the biggest experimental particle physics projects undertaken in India. The Mathikettan Shola National Park in Idukki district, Kerala, is situated within five km from the project site.

**Q15. Answer: C)**

Explanation: Indian Railways has developed an Online Portal called "Rail Good Work Portal" to enable the employees to freely share the good work being done by them and encourage easy and fast replication of these good work by other units.

**Q16. Answer: C)**

Explanation: The Global digital summit event titled '# Future' to be inaugurated in Kochi. It aims to develop a roadmap to make the state a hub for digital innovation and investment.

**Q17. Answer: C)**

Explanation: The new algorithm developed will mitigate the effects of spoofed GPS attacks on electrical grids and other GPS-reliant technologies. It has the ability to recognise false GPS signals and counter an attack while it occurs.

**Q18. Answer: C)**

Explanation: The NCAAC becomes the world's first digital depository to identify and preserve the cultural heritage of India available in audiovisual form through a process of digitization and making it accessible to the people. The digitization and metadata standards followed by the Project are in parity with international standards within the overall framework of the OAIS model.

**Q19. Answer: C)**

Explanation: Data from a band of Indian remote sensing satellites will be available to the European Copernicus programme while designated Indian institutional users will in return get to access free data from Europe's six Sentinel satellites and those of other space agencies that are part of the programme, at their cost.

**Q20. Answer: B)**

Explanation: India has joined Europe's mega global arrangement of sharing data from earth observation satellites, called Copernicus. The agreement aims to strengthen and stimulate cooperation on earth observation and mutual access to data from EU's Sentinel series of satellites and from Indian earth observation satellites.

**Q21. Answer: B)**

Explanation: India's second mission to the Moon is a totally indigenous mission comprising of an Orbiter, Lander and Rover.

**Q22. Answer: A)**

Explanation: Scientists have created a remote-controlled robot named SoFi that swims quietly through coral reefs and schools of fish and uses a fisheye lens to capture high-resolution photos and video with a camera built into its nose. The robot can be used as a marine biology instrument and also to measure pollution in coastal waters, to create maps, to do inspection, to monitor and track

**Q23. Answer: C)**

Explanation: GSAT-6A, the second predominantly S-band communications satellite, is set to be launched from Sriharikota on March 29. The antenna is thrice as broad as the antennas generally used in ISRO satellites. It will enable mobile communication from anywhere via hand-held ground terminals.

**Q24. Answer: A)**

Explanation: Smart India Hackathon 2018 is a non-stop digital product development competition, where problems are posed to technology

students for innovative solutions. The Smart India Hackathon 2018 will have both Software as well as Hardware.

**Q25. Answer: C)**

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.

**Q26. Answer: A)**

Explanation: India's Geosynchronous Satellite Launch Vehicle (GSLV-Fo8) successfully launched GSAT-6A Satellite into Geosynchronous Transfer Orbit (GTO). GSAT-6A is a communication satellite built by ISRO to provide mobile communication services through multi beam coverage. It is equipped with S and C band transponders. A key feature of the satellite is providing mobile communication to India through multi beam coverage facility.

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