



DAILY QUIZ OCTOBER-2017

ICT-KEY

**Q1 Answer: C**

Explanation:

Intel has announced a self-learning neuro morphic chip code named Loihi, to mimic “how the brain functions” by learning to operate based on various modes of feedback from the environment. Neuro morphic engineering, also known as neuro morphic computing, is a concept developed by Carver Mead, in the late 1980s, describing the use of very-large-scale integration (VLSI) systems containing electronic analog circuits to mimic neuro-biological architectures present in the nervous system.

**Q2 Answer: B**

Explanation:

The android-based monitoring software M-STriPES will be used across all the Tiger Reserves of the country

**Q3 Answer: C**

Explanation:

The Pune-based Inter-University Centre for Astronomy and Astrophysics, which is leading the project

**Q4 Answer: C**

Explanation:

The Aadhaar-based authentication built in ‘Adobe Sign’ is the industry’s first solution to make e-signatures legally binding in India.

**Q5 Answer: D**

Explanation:

- The communication solution will bring BSNL , VSNL and disaster management agencies NDMA and NDRF on one platform.
- The “Relief 123” is based on “ResQMobil”, an integrated portable communication solution which packs in the required hardware into a portable transportable trailer-on-wheels.

**Q6 Answer: A**

Explanation:

Television networks have unused broadcasting frequencies between channels which is kept idle for buffering purposes. This space can be used to deliver internet services and is called the White Space technology.

**Q7 Answer: C**

Explanation:

The Uttarakhand Government and a charitable funding agency, Swan Cultural Center and Foundation, on Sunday launched 'Solar Briefcase' in Kedarnath Dham to provide electricity in remote areas

**Q8 Answer: B**

Explanation:

The developers Wabi Tech call it an engagement platform based on where you live, it shows you who you're elected government representatives are and lets you get in touch with them instantly.

**Q9 Answer: C**

Explanation:

- The block chain is an incorruptible digital ledger of economic transactions that can be programmed to record not just financial transactions but virtually everything of value
- The block chain database isn't stored in any single location, meaning the records it keeps are truly public and easily verifiable
- No centralized version of this information exists for a hacker to corrupt.
- Hosted by millions of computers simultaneously, its data is accessible to anyone on the internet.

**Q10 Answer: D**

Explanation:

- The government is looking at forming a comprehensive strategy to encourage and adopt emerging technologies such as Block chain, artificial intelligence (AI) and Big Data Analytics.
- Not just to increase their usage in the official machinery but also to promote the increasing number of emerging startups in this space.

- In the past the government has followed a similar strategy for emerging technologies such as cloud, mobile, social media, etc.

**Q11 Answer: D**

Explanation:

- QR code can store more information than simple bar code. Quick response code is 10 times faster in readability than a simple bar.
- India is the first country to have brought such an interoperability

**Q12 Answer: D**

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**Q13 Answer: B**

Explanation:

- The Global Conference on Cyberspace (GCCS) is conferences held each biannually since 2011 where governments, private sector and civil society gather to discuss and promote practical cooperation in cyberspace, to enhance cyber capacity building.
- The first conference held in November 2011 in London.
- Cyber4All' will be the main theme of 5th conference with four sub-themes – Cyber4InclusiveGrowth, Cyber4Digitalinclusion, Cyber4Security and Cyber4Diplomacy.

**Q14 Answer: C**

Explanation:

- The companies- Microsoft and Facebook announced the completion of the highest capacity subsea cable 'Marea' (tide) that delivers 16 million times faster Internet than an average home web connection.
- Laid across Atlantic Ocean is capable of transmitting 160 terabits of data per second.

**Q15 Answer: A**

Explanation:

- The software industry lobby Nasscom is setting up centres of excellence on artificial intelligence (AI) and data sciences for a better understanding on the emerging technologies.
- Setting up Centre of excellence on AI and data sciences in Bengaluru and Hyderabad.

**Q16 Answer: C**

Explanation:

It provides free storage of 1GB to registered users.

**Q17 Answer: B**

Explanation:

- Bharat Net Project is the new brand name of National Optical Fiber Network (NOFN) which was launched in October, 2011 to provide broadband connectivity to all 2.5 Lakh Gram Panchayats. It was renamed Bharathnet in 2015.
- The primary objective was to extend the existing optical fiber network up to Panchayat level.
- Bharat Net is being funded through Universal Service Obligation Fund (USOF). The Universal Service Obligation Fund (USOF) was established with the fundamental objective of providing access to 'Basic' telegraph services to people in the rural and remote areas at affordable and reasonable prices.

**Q18 Answer: B**

Explanation:

- Cartosat is a remote sensing satellite.
- The data from the satellite is used for detailed mapping and other cartographic applications at cadastral level, urban and rural infrastructure development and management, as well as applications in Land Information System (LIS) and Geographical Information System (GIS).

**Q19 Answer: C**

Explanation:

Model means that, enterprise systems will vigorously authenticate whether users are indeed entitled access to specific sets of data, before making them available. Block chain can become the implementer of the 'zero trust' policy.

**Q20 Answer: C**

Explanation:

Ireland, which benefit from the presence of transnational's, is the leading exporter of computer and information services, followed by India.

**Q21 Answer: D**

Explanation:

- India's second lunar exploration mission after Chandrayaan-1.
- It includes a lunar orbiter, lander and rover, all developed by India
- This mission will use and test various new technologies and conduct new experiments.
- The wheeled rover will move on the lunar surface and will perform on-site chemical analysis.
- It is scheduled to launch in 2018

**Q22 Answer: B**

Explanation:

- Free Milk is one of the most dangerous cyber-attacks as it keeps on installing malware on your system.
- It was named Free Milk by the researchers at Palo Alto Networks, an enterprise security company, who found this phrase in the malware's code.
- These attacks have been spotted from May 2017.