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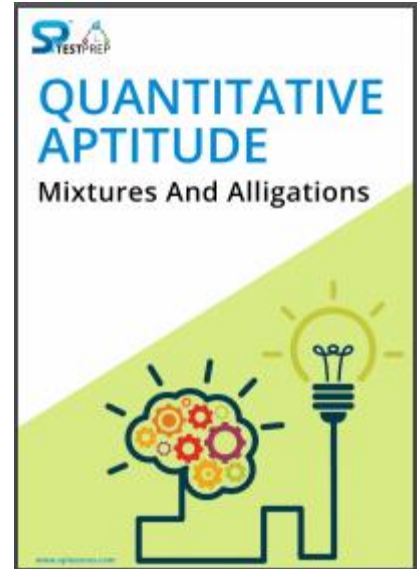
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1. Which of the following institute will set up a task force on gene therapy in order to encourage research in the field?

- A. Central Glass and Ceramic Research Institute
- B. Central Research Institute for Jute and Allied Fibers
- C. Indian Council of Medical Research (ICMR)
- D. The Academy of Scientific and Innovative Research

Answer: C

Explanation:

The Indian Council of Medical Research (ICMR) will set up a task force on gene therapy in order to encourage research in the field. The purpose of setting up the task force is to explore gene editing based therapeutic approaches that will treat illness.

2. NASA has finally selected a sample collection site on asteroid Bennu after the arrival of OSIRIS-REx spacecraft . What is name of that site?

- A. Nightingale
- B. Ceres
- C. Itokawa
- D. Hygiea

Answer: A

Explanation:

NASA has finally selected a sample collection site on asteroid Bennu after the arrival of OSIRIS-REx spacecraft in December 2018. The OSIRIS-Rex mission team has selected the site designated Nightingale, which is located in a crater high in

Bennu's northern hemisphere. The team has also selected site Osprey of Bennu as a backup sample collection site.

3. George Laurer, who recently passed away was the inventor of which of the following services?

- A. Barcode
- B. MICR
- C. RTGS
- D. None of these

Answer: A

Explanation:

George Laurer, the US engineer who helped develop the barcode, has passed away at the age of 94. Mr. Laurer has been recognized as the co-inventor of the Universal Product Code (UPC) or barcode.

4. Who will be the partner country for Bio Asia 2020?

- A. China
- B. Switzerland
- C. USA
- D. Sweden

Answer: B

Explanation:

Switzerland is to serve as a partner for Bio Asia 2020 has scheduled to be held between 17-19 February 2019 in Hyderabad, Telangana.

5. Which of the following cities organized the Symposium on Scope of Science of Ayurveda in Global Health?



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- A. Indore
- B. Raipur
- C. New Delhi
- D. Chennai

Answer: C

Explanation:

Government organized a Symposium on Scope of Science of Ayurveda in Global Health on 11 December at New Delhi. It was organized by the Ministry of AYUSH in coordination with the Ministry of External Affairs. It is in line with the Ministry of AYUSH's commitment to promote Ayurveda and Traditional systems of Medicine globally

6. How many commercial satellites have been launched by ISRO along with RISAT-2BR1?

- A. 7
- B. 9
- C. 10
- D. 12

Answer: B

Explanation:

ISRO launched the RISAT-2BR1 satellite on 11 December 2019. India's Polar Satellite Launch Vehicle (PSLV) launched RISAT-2BR1, the fiftieth flight (PSLV-C48), along with nine commercial satellites from Satish Dhawan Space Centre (SDSC) SHAR, Sriharikota. RISAT-2BR1 was injected successfully into an orbit of 576 km.

7. How many missions will be completed by PSLV with the launch of RISAT-2BR1 on board PLSV-C48?

- A. 58

- B. 55
- C. 50
- D. 45

Answer: C

Explanation:

The countdown is on for the launch of India's radar imaging earth observation satellite RISAT-2BR1 on board PLSV-C48 from its spaceport of Sriharikota. The workhorse Polar Satellite Launch Vehicle, on its 50th mission, PSLV-C48, is scheduled to lift off from the first launch pad of the Satish Dhawan Space Centre at Sriharikota, about 130 km at 3.25 p.m. on December 11.

8. Who has won the Sree Ramakrishna Paramhansa Research Grant?

- A. Dibyendu Sarkar
- B. Patrick D'Silva
- C. Santasabuj Das
- D. Vidita Vaidya

Answer: D

Explanation:

Sree Padmavathi Venkateswara Foundation, the Vijayawada headquartered body that has been supporting research in medical education and care, has announced a grant of Rs 3 crore for research in biological and chemical sciences. Vidita Vaidya, a young scientist working at the Tata Institute of Fundamental Research (TIFR), has secured the grant of Rs 3 crore. The TIFR scientist proposes to take up research on stress at young age leading to changes in brain and eventually leading to changes in behavioural patterns



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9. Which Radar Imaging Satellite is to be launched by ISRO?

- A. RISAT-2B
- B. RISAT-2BR1
- C. RISAT-1BR2
- D. RISAT-1B

Answer: B

Explanation:

ISRO has planned to launch sharp-eyed surveillance satellite RISAT-2BR1 (Radar Imaging Satellite-2) with synthetic aperture radar (SAR) on 11 December 2019. RISAT-2BR1 is a radar imaging satellite. It is dubbed as a spy satellite. It can take pictures of the earth during day and night even under cloudy conditions. The satellites will help 24/7 border surveillance along with checking infiltration..

10. Which NASA satellite has recently found the crashed Indian Moon lander Vikram?

- A. CALIPSO
- B. Aura
- C. Landsat7
- D. LRO

Answer: D

Explanation:

NASA satellite orbiting the Moon has found India's Chandrayaan-2 Vikram lander which crashed on the lunar surface in September. NASA released an image taken by its Lunar Reconnaissance Orbiter (LRO) that showed the site of the spacecraft's impact (September 6 in India and September 7 in the U.S.) and associated

debris field, with parts scattered over almost two dozen locations spanning several kilometers.

11. Researchers of which country have recently discovered a massive black hole in the Milky Way?

- A. India
- B. USA
- C. China
- D. Russia

Answer: C

Explanation:

Researchers from the National Astronomical Observatory of China have discovered a black hole in the Milky Way. The black hole is so huge that it challenged the existing models of the evolution of stars. The black hole was discovered by an international team of scientists using China's sophisticated Large Sky Area Multi-Object Fibre Spectroscopic Telescope (LAMOST) telescope.

12. Which high resolution imaging satellite has recently been launched by ISRO?

- A. WorldView 1
- B. GeoEye-1
- C. QuickBird
- D. Cartosat-3

Answer: D

Explanation:

Cartosat-3 satellite will be launched from Satish Dhawan Space Centre on November 27. Cartosat-3 is the highest resolution imaging



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satellite which will be useful in weather mapping and for defence purposes. The satellite will be joined by 13 commercial nanosatellites from the US.

13. What is name of NASA's first electric airplane?

- A. P-51 Mustang
- B. X-57 Maxwell
- C. B-52 Stratofortress
- D. U-2 spy plane

Answer: B

Explanation:

The first all-electric configuration of NASA's X-57 Maxwell now is at the agency's Armstrong Flight Research Centre in Edwards, California

14. NASA has recently detected water vapours on which Jupiter's moon?

- A. Europa
- B. Ganymede
- C. Callisto
- D. Io

Answer: A

Explanation:

NASA scientists have detected water vapor above the surface of Jupiter's moon Europa for the first time. Overall, the moon may hold twice as much water as Earth. An upcoming NASA spacecraft will travel to Europa to hunt for more clues about possible alien life.

15. Which rocket of ISRO is to launch USA's commercial nano satellites?

- A. PSLV-C48
- B. PSLV-C46
- C. PSLV-C47
- D. PSLV-C45

Answer: C

Explanation:

The Indian Space Research Organization will launch 13 commercial nano satellites of the United States along with the imaging and mapping satellite Cartosat-3. The launch is scheduled on November 25, 2019. The satellites will be launched by PSLV-C47, a Polar Satellite Launch Vehicle into Sun Synchronous Orbit from Satish Dhawan Space Centre at Sriharikota.

16. What is the name of India's 2nd mission to land on Moon?

- A. Chandrayaan 1
- B. Chandrayaan 2
- C. Chandrayaan 3
- D. Gaganyaan

Answer: C

Explanation:

The Indian Space Research Organisation (ISRO) announced their intention to send a second mission to soft-land on the Moon planned for November 2020 dubbed as Chandrayaan 3 mission.

17. Which Japanese spacecraft has started journey home from asteroid Ryugu?

- A. Hayabusa2
- B. Akatsuki
- C. Selene
- D. Hisaki



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Answer: A

Explanation:

Japan's Hayabusa2 spacecraft has departed from a distant asteroid, starting its yearlong journey home after successfully completing its mission to bring back soil samples and data that could provide clues to the origins of the solar system.

18. A huge X-Ray burst from outer space has been detected by which telescope?

- A. Hubble
- B. Webb
- C. NICER
- D. Compton

Answer: C

Explanation:

NASA's NICER (Neutron Star Interior Composition Explorer) telescope detected a sudden spike of X-Rays. The spike was caused by a massive thermo nuclear flash on the surface of a pulsar.

19. Which organization recently launched 60 mini satellites for global internet?

- A. NASA
- B. ISRO
- C. SpaceX
- D. DRDO

Answer: C

Explanation:

SpaceX launched 60 mini satellites; the second batch of an orbiting network meant to provide global internet coverage.

20. Which organization launched its first all-electric aircraft, named as X-57 "Maxwell"?

- A. CNSA
- B. NASA
- C. ISRO
- D. ROSCOSMOS

Answer: B

Explanation:

The United States space agency National Aeronautics and Space Administration (NASA) unveiled an early version of its first all-electric experimental aircraft, named as X-57 "Maxwell" at its aeronautics lab in the California desert, US

21. Which spacecraft has recently reached interstellar space?

- A. Juno
- B. Opportunity
- C. Voyager 2
- D. Skylab

Answer: C

Explanation:

Nasa's Voyager 2 has entered the interstellar medium (ISM), the region of space outside the bubble-shaped boundary produced by wind streaming outward from the Sun. This makes Voyager 2 the second human-made object to journey out of the Sun's influence.

22. Which of the following Institutes has launched India's first indigenously designed standing wheelchair named 'Arise'?

- A. IIT Bombay
- B. IIT Hyderabad



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- C. IIT Kanpur
- D. IIT Madras

Answer: D

Explanation:

Indian Institute of Technology, Madras launched the country's "first indigenously" designed standing wheelchair, which will enable a differently abled person shift from sitting to standing position.

23. Which of the following countries has launched Sudan's first ever satellite?

- A. China
- B. UAE
- C. India
- D. Australia

Answer: A

Explanation:

Sudan's first ever satellite for conducting research in military, economic and space technology has been launched by China. The satellite was launched from north China's Shanxi Province.

24. Where did the newly decided space technology cell will be set up in India?

- A. New Delhi
- B. Bangalore
- C. Roorkee
- D. Hyderabad

Answer: A

Explanation:

Indian Space Research Organisation (ISRO) in collaboration with IIT Delhi going to set up a space technology cell in New Delhi. Earlier, Space Technology Cells (STCs) have been set up at IIT Kanpur, IIT Roorkee, IIT Kharagpur, IISc Bangalore.

25. Unmanned X-37B space plane which landed recently in Florida has made a record of how many days in orbit?

- A. 580
- B. 758
- C. 780
- D. 980

Answer: C

Explanation:

An unmanned X-37B space plane landed at the Kennedy Space Center in Florida on Sunday, wrapping up a record 780 days in orbit.

26. Which organization has conducted genome Sequencing of Indians from different populations?

- A. CSIR
- B. ASI
- C. AIMS
- D. WHO

Answer: A

Explanation:

The Council of Scientific & Industrial Research (CSIR) has conducted Whole Genome Sequencing of 1,008 Indians from different populations across the country.



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27. What is the name of the gold cart-size robot to be sent by NASA to moon in 2022?

- A. CEASER
- B. CARTIS
- C. VIPER
- D. ALEX

Answer: C

Explanation:

NASA will send a golf cart-sized robot to the moon in 2022 to search for deposits of water below the surface. The VIPER robot will drive for miles (km) on the dusty lunar surface to get a closer look.

28. Which one advanced digital imaging solution has secured Guinness World Record for developing the smallest commercially available image sensor?

- A. Omni Vision
- B. Mini Vision
- C. Ultra Vision
- D. Infra Vision

Answer: A

Explanation:

OmniVision, an advanced digital imaging solution, has secured the Guinness World Record for developing the smallest commercially available image sensor.

29. What is the name of a robot created by India and UK to encourage children to wash their hands?

- A. Chichi
- B. Meme

- C. Pepe
- D. Miko

Answer: C

Explanation:

India-UK research collaboration creates robot named Pepe which encourages children to wash their hands.

30. Which astronauts have set history by performing an all-female spacewalk on 18 October?

- A. Sunita Williams
- B. Christina Koch
- C. Jessica Meir
- D. Both B and C

Answer: D

Explanation:

Two NASA astronauts, Christina Koch and Jessica Meir, set history by performing an all-female spacewalk on 18 October.

31. Which of the following companies is developing an Artificial intelligence (AI)-based tool for analysis of terrorist activities?

- A. TCS
- B. L&T
- C. BEL
- D. HUL

Answer: C

Explanation:

The public-sector giant Bharat Electronics Limited (BEL) has announced that it is developing



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an Artificial intelligence (AI)-based tool for analysis of terrorist activities.

32. Who among the following persons invented 'Phenakistoscope' and Google celebrated his 218th birthday with a Doodle recently?

- A. John Plateau
- B. Joseph Antoine Ferdinand Plateau
- C. Dracker Ontario
- D. Richard Brown Williamson

Answer: B

Explanation:

Joseph Antoine Ferdinand Plateau invented the Phenakistoscope in 1832. The device has a spinning disk with images drawn on the sides in a series of movements.

33. Who among the following is the name of the first person who did spacewalk in 1965 but died recently?

- A. Alexei Leonov
- B. Fyodor Gorbachov
- C. Joseph Huston
- D. Mark Elliot

Answer: A

Explanation:

Alexei Leonov was the first astronaut who did a spacewalk for the first time in the world. Alexey Leonov of the Soviet Union has died in Russia at the age of 85 years recently. On 18 March 1965, he took a spacewalk for 12 minutes in the space.

34. What is the name of NASA's recently launched a satellite to study the ionosphere?

- A. PROP
- B. ICON
- C. MARK
- D. ROCK

Answer: B

Explanation:

NASA has launched a satellite named ICON to study the ionosphere. According to information released by NASA, this mission will bring out the information about where the Earth and the ionosphere meet. The mission was to be launched in 2017 but due to a technical flaw, it has been launched after two years.

35. Which of the following devices has been launched for ocean states forecast and mapping potential fishing zones?

- A. Nishta
- B. GEMINI
- C. SEAFORC
- D. None of the above

Answer: B

Explanation:

A device named GEMINI for ocean states forecast and mapping potential fishing zones was launched. It stands for Gagan Enabled Mariner's Instrument for Navigation and Information

36. Which of the following agencies is going to organize Women Spacewalk on October 21?

- A. NASA
- B. JAXA
- C. ISA



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D. ISRO

Answer: A

Explanation:

NASA is going to organize women spacewalk on October 2019 which was postponed earlier.

37. Stubble burning results in emission of harmful gases such

- A. Carbon Monoxide
- B. Nitrogen dioxide
- C. Ozone
- D. Nitrous Monoxide

Answer: B

Explanation:

Stubble burning results in emission of harmful gases such carbon dioxide, Sulphur dioxide, nitrogen dioxide along with particulate matter.

38. Which of the following fats is not favourable for our body?

- A. Unsaturated fat
- B. Saturated fat
- C. Trans fat
- D. None of these

Answer: C

Explanation:

Trans fats are the most harmful type of fats which can have much more adverse effects on our body than any other dietary constituents.

39. What is the name of Chandrayaan-2's payload that found charged particles on the Moon?

- A. URJA
- B. CLASS
- C. RUSTOM
- D. CLOUD

Answer: B

Explanation:

Chandrayaan-2's Orbiter Payload CLASS has claimed to found 'charged particles' on the Moon. According to the information released by ISRO, the solar air flow from the Sun to the Moon's orbit was recorded.

40. Recently, Scientists discover 8th continent under Europe. It's named as;

- A. Greater AdriaTM
- B. Mathilde
- C. Cruithne
- D. Davida

Answer: A

Explanation:

Geologists under the principal researcher Douwe van Hinsbergen, Professor at Utrecht University, Netherlands, have discovered a new continent named "Greater Adria" in the mediterranean region under Europe, after successful analysis of mountain ranges from Spain to Iran in detail for 10 years. The discovery of this continent is published in the journal 'Gondwana Research'. his Greater Adria island is a piece of continental crust in the size of Greenland. It once separated from North Africa and plunged into the Earth's mantle under Southern Europe. It took Greater Adria 120 million years to be found by mankind.



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41. Name the most massive neutron star discovered by astronomers from West Virginia University (U.S).

- A. MSP J0740+6620
- B. MNS J0730+6620
- C. MVS J0720+6620
- D. MDS J0720+6620

Answer: A

Explanation:

Astronomers at West Virginia University (U.S) of the National Science Foundation (NSF) in Pocahontas County, United States (US) have discovered the most massive neutron star ever called MSP J0740+6620. It is one of the densest objects in the known universe. The research was published in the journal Nature Astronomy.

42. ISRO and _____ join hands for the development of human-centric systems for the Human Space Mission.

- A. DRDO
- B. HAL
- C. NASA
- D. SpaceX

Answer: A

Explanation:

The Indian Space Research Organisation (ISRO) joined hands with Defence Research and Development Organisation (DRDO) for the development of human-centric systems for the Human Space Mission to demonstrate its human space flight capabilities. The purpose behind the development is to provide technologies for human-centric systems and technologies specific

to the Human Space Mission. ISRO aims to demonstrate human spaceflight capability before the 75th anniversary of India's independence in 2022.

43. How many satellites did China launched for disaster management and climate monitoring?

- A. 3
- B. 4
- C. 5
- D. 6

Answer: A

Explanation:

China successfully launched three satellites including a resource satellite into planned orbits which will help in disaster prevention, urban construction and monitor polar regions and global climate change. The resource satellite and two small satellites were launched on a Long March-4B carrier rocket at 11:26 am local time from the Taiyuan Satellite Launch Centre in north China's Shanxi Province.

44. Name the missile which was recently tested by the DRDO in Kurnool, Andhra Pradesh.

- A. NAG
- B. Dhanush
- C. Nirbhay
- D. MPATGM

Answer: D

Explanation:

The Defence Research and Development Organisation (DRDO) has successfully flight-tested Man Portable Antitank Guided Missile (MPATGM), an indigenously developed low



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weight and fire and forget missile. The flight test was conducted in the ranges of Kurnool in Andhra Pradesh.

45. Water has been discovered on which potentially habitable super-Earth?

- A. K2-18d
- B. K2-18c
- C. K2-18a
- D. K2-18b

Answer: D

Explanation:

Water has been detected by scientists in the atmosphere of a potentially habitable super-Earth. The exoplanet, named K2-18b, is twice the size and eight times the mass of Earth. K2-18b is the first planet outside the solar system in the habitable zone of its star known to have water in its atmosphere.

46. What is the name of Chandrayaan 2 lander from which Indian Space Research Organisation(ISRO) lost its contact when it was 2.1Km away from the surface of the moon?

- A. Vikram Lander
- B. Viking 2 Lander
- C. Phoenix Lander
- D. Mars Polar Lander

Answer: A

Explanation:

The communication from Chandrayaan-2's Vikram lander of 1471 kg to Indian Space Research Organisation's (ISRO) ground station was lost before its soft landing on the unexplored lunar south pole of the Moon. The contact was

lost when the lander was 2.1km away from the surface of the moon.

47. Who was the mission director of the ISRO's mission, Chandrayaan-2?

- A. K.Sivan
- B. Muthayya Vanitha
- C. Ritu Karidhal
- D. Ramnanda Das

Answer: C

Explanation:

Chandrayaan-2 was the first mission to be led by two women, Muthaya Vanitha, the project director and Ritu Karidhal, the mission director.

48. What is the name of India's first manned space mission?

- A. Chandrayaan-3, 2021
- B. Mangalyaan-2
- C. Gaganyaan, 2021
- D. Astrosat

Answer: C

Explanation:

The first crewed flight is planned with a spacecraft called Gaganyaan for December 2021 on a GSLV Mk-III rocket.

49. Who was the project director of the ISRO's mission, Chandrayaan-2?

- A. K.Sivan
- B. Muthayya Vanitha
- C. Ritu Karidhal
- D. Ramnanda Das

Answer: B



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Explanation:

Chandrayaan-2 was the first mission to be led by two women, Muthayya Vanitha, the project director and Ritu Karidhal, the mission director.

50. Oscars of science awarded to which of the following team?

- A. Event Horizon Telescope
- B. Hubble Space Telescope
- C. Gemini Observatory
- D. Gran Telescopio Canarias

Answer: A

Explanation:

The Event Horizon Telescope Team consists of 347 scientists produced the world first image of a black hole. They were felicitated with breakthrough Prize in Fundamental Physics. The prize is known as the Oscars of science with prize money \$3 million. The team published the image of black hole circled by a flame-orange halo of white-hot plasma on the Messier 87 (M87) galaxy.

51. Which of the following has partnered will UNESCO to adopt technology in classrooms?

- A. Samsung
- B. Lenovo
- C. Toshiba
- D. DELL

Answer: D

Explanation:

Dell Technologies has signed an agreement with UNESCO Mahatma Gandhi Institute of Education for Peace (MGIEP) to enable school teachers to

adopt technology in classrooms by using Information Communication Technology (ICT) tools.

52. Which of the following launched India's First Service Audio Service 'Suno'?

- A. Netflix
- B. Audible
- C. Google
- D. Facebook

Answer: B

Explanation:

Audible, a part of e-commerce giant Amazon, on December 12 launched an India-first audio service 'Suno'. Audible Suno - which will be available via a separate Android app - provides free and advertising-free access to hundreds of hours of original audio entertainment in Hindi and English.

53. FSSAI to develop app to prevent food wastage in partnership with which company?

- A. Google
- B. Nasscom Foundation
- C. Infosys
- D. TCS

Answer: B

Explanation:

Food regulator FSSAI (Food Safety and Standards Authority of India) and Nasscom Foundation, a trade association of Indian IT and Business Process Outsourcing industry, have signed a Memorandum of Understanding (MoU) to jointly build a technology platform to prevent food



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wastage and encouraging food donation by developing an app for the purpose.

54. Government launched 'indianculture.gov.in' portal is developed by which of the following institutes?

- A. IIT Kharagpur
- B. IIT Kanpur
- C. IIT Bombay
- D. IIT Delhi

Answer: C

Explanation:

Union Minister for Culture and Tourism Prahlad Singh Patel launched the Indian Culture web portal. The Indian Culture portal was envisioned by the Ministry of Culture and has been developed by a team from the Indian Institute of Technology (IIT), Bombay while the curation of the data has been done by Indira Gandhi National Open University

55. Researchers of which institute has designed a paper-based sensor to detect the quality of milk?

- A. IIT Hyderabad
- B. IIT Bombay
- C. IIT Guwahati
- D. IIT Delhi

Answer: C

Explanation:

Indian Institute of Technology (IIT) Guwahati researchers have developed a paper-based sensor that can make an assessment of the freshness of milk by a simple and instantaneous method.

56. Which hospital has set Guinness World Record for the largest gathering of cardiac surgery patients at one place?

- A. Ramesh Hospitals, Vijayawada
- B. Star Hospitals, Hyderabad
- C. Max Healthcare, Gurgaon
- D. Fortis Escorts Hospital, Jaipur

Answer: A

Explanation:

Ramesh Hospitals Vijayawada, a group hospital of Aster DM Healthcare, one of the largest integrated healthcare service networks in the GCC and the third largest healthcare company in India, achieved a milestone by setting a Guinness World Record for holding the 'largest gathering of cardiac surgery patients at one place'.

57. ISRO has plans to set up India's own space station by _____.

- A. 2025
- B. 2026
- C. 2030
- D. 2032

Answer: C

Explanation:

ISRO has plans to set up India's own space station by 2030. It is the extension of the ambitious project Gaganyaan mission.

58. What is the name of audio guide facility app launched by Ministry of Tourism?

- A. Audio Odigos
- B. Radio Guide
- C. Mobile Guide



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D. Guide to Ride

Answer: A

Explanation:

The audio guide app 'Audio Odigos' launched for 12 states of India by the Ministry of Tourism. Now, tourists can look at the historical insights of the iconic monuments of India. It will provide inbuilt site map and navigation facility to the tourists.

59. What is the name of the space docking experiment that ISRO has planned to carry out in 2020?

- A. Vikram
- B. Spadex
- C. Dock-Tech
- D. Unix

Answer: B

Explanation:

ISRO has revealed its plan to carry out a space docking experiment, Spadex, in 2020. The announcement was made by ISRO Chairman K Sivan. Two experimental modules will be sent into space, on board a PSLV rocket, and two will be docked with each other.

60. Which social media has inked an agreement with International Cricket Council to get exclusive digital content rights for ICC matches in South Asia, recently?

- A. YouTube
- B. Instagram
- C. Twitter
- D. Facebook

Answer: D

Explanation:

The International Cricket Council has inked an agreement with Facebook, under which the social media platform will get exclusive digital content rights for select cricket matches in the Indian subcontinent including the Women's T20 World Cup 2020-22, Men's T20 World Cup 2020-21 and the Men's Cricket World Cup 2023. The social media platform also bagged the rights for match recaps for rest of the world for the next 4 years. Which hospital has set Guinness World Record for the largest gathering of cardiac surgery patients at one place

61. Scientists from which institute have developed the biggest-ever computer chip using carbon nanotubes (CNT)- RV16XNano?

- A. Yale University
- B. Massachusetts Institute of Technology (MIT)
- C. Harvard University
- D. Stanford University

Answer: B

Explanation:

Scientists at the Massachusetts Institute of Technology (MIT), Cambridge, USA, have developed the biggest-ever computer chip using carbon nanotubes (CNT)- RV16XNano. This was published in the journal Nature. RV16X-Nano is a 16-bit processor that contains 14,000 transistors - electronic switches. These switches are made up of CNT - tiny cylinders made of rolled-up, atom-thick sheets of graphene.



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62. Which of the following Indian Mobile app clinched the bronze medal at the Technovation Challenge?

- A. Maitri
- B. VithU
- C. Nirbhaya
- D. YatraMiTR

Answer: A

Explanation:

Maitri Mobile app clinched the bronze medal at the Technovation Challenge. It is the world's largest technology and entrepreneurship programme for girls, held in San Francisco, US. A team of 5 girls students nicknamed "Tech Witches" have developed a mobile app named Maitri. The aim of the app is to bring together individuals suffering from loneliness and depression and those lacking nurturing love of elderly role models.

63. Name the India's 1st FinTech centre of excellence, which was set up by the Software Technology Parks of India (STPI) in association with Electronics Corporation of Tamil Nadu(ELCOT) .

- A. FinPark
- B. FinTech
- C. FinSmart
- D. FinBlue

Answer: D

Explanation:

Software Technology Parks of India (STPI) in association with Electronics Corporation of Tamil Nadu(ELCOT) has officially set up a 'Centre of

Excellence in FinTech' with a cost of over ₹23 crore. It is first of its kind in India and is named 'Fin Blue'.

64. Which item has been banned by the Directorate General of Civil Aviation while travelling in planes?

- A. MI Phone
- B. Samsung Charger
- C. Lenovo Laptop
- D. Apple Mac Book

Answer: D

Explanation:

DGCA has banned some 15-inch MacBook Pro laptops sold by Apple between September 2015 and February 2017 from flights. The regulatory body said that these laptops have been deemed fire hazard because their batteries can overheat.

65. What is the name of the mobile application launched for locating outlets and searching Generic medicine?

- A. Janaushadhi Sugam
- B. Digicop
- C. Khelo India
- D. Kumbh Jiophone

Answer: A

Explanation:

Union Minister for Chemicals and Fertilizers, Shri D.V. Sadananda Gowda launched a mobile application "Janaushadhi Sugam" . "Jan Aushadhi Suvidha Oxo-Biodegradable Sanitary Napkin" available at only One Rupee per pad.



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66. The new Android version launched by Google on August 22, 2019 is;

- A. Android Pie
- B. Android 10
- C. Android Coco
- D. Android 9A

Answer: B

Explanation:

Google on August 23, 2019 announced that the Android Q version will now be known as 'Android 10', breaking its 10-year old tradition of naming Android versions after desserts or sweets.

67. Which of the following app brings fingerprint authentication for the users?

- A. Google Drive
- B. TikTok
- C. Instagram
- D. WhatsApp

Answer: D

Explanation:

WhatsApp's Messenger most awaited features, fingerprint authentication, is finally rolling out to Android users. The feature is currently available to those who have registered in WhatsApp's beta programme for Android. The Fingerprint authentication has been around on the platform since last year to iOS users. This is the first time the feature has made its way to a stable WhatsApp beta build for Android. The beta tester for WhatsApp, you can activate the functionality by tapping on the hamburger menu (three dots on the top right corner). To select Settings>Account>Privacy>Fingerprint lock. You

can then select how frequently you want WhatsApp to prompt you to use your biometrics to unlock the app. WhatsApp users would only be able to unlock WhatsApp and resume the app from where they left it.

68. The Indian Railway has Indigenously designed and manufactured a high speed locomotive, with top speed 180 km/hr. In which locomotive workshop is it built?

- A. Bharat Heavy Electricals Limited (BHEL)
- B. Chittaranjan Locomotive Works, Chittaranjan.
- C. Diesel Locomotive Works, Varanasi.
- D. Diesel-Loco Modernisation Works, Patiala

Answer: B

Explanation:

It is built in Chittaranjan Locomotive Works, Chittaranjan in West Bengal.

69. Where is the world's largest underground pumping house being built?

- A. West Bengal
- B. Croatia
- C. Tamil Nadu
- D. Telangana

Answer: D

Explanation:

Megha Engineering and Infrastructures Limited (MEIL) has unveiled yet another pivotal moment in the Kaleshwaram Lift Irrigation Project (KLIP). MEIL successfully commenced operations in the world's largest Laximpur underground pumping station.



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70. Which of the following scheme is to promote the electric and hybrid vehicle technology to ensure the growth?

- A. FAME
- B. RISE
- C. NPRT
- D. EAHV

Answer: A

Explanation:

FAME of India is to promote the electric and hybrid vehicle technology to ensure the growth. Phase-I is the fast adoption and manufacturing of the electric and hybrid vehicle in India from 2015. Phase-II is to boost the electrical vehicle mobility and to increase it in commercial fleets from this 2019.

71. The researchers at which IIT have developed portable device to detect bacteria without cell culture or microbiological assays?

- A. IIT Kharagpur
- B. IIT Bombay
- C. IIT Guwahati
- D. IIT Madras

Answer: C

Explanation:

The researchers at IIT Guwahati have developed a low-cost portable device to detect bacteria without cell culture or microbiological assays. The hand-held device with bio-compatible sensor can also diagnose time-critical illnesses such as meningitis.

72. Name the mobile application launched to estimate the tiger population in the country.

- A. Monitoring System For Tigers-Intensive Protection and Ecological Status (M-STripES)
- B. Monitoring System For Tigers Protection and Ecological Status (M-STrPES)
- C. Monitoring System For Tigers & Other wild life Status (M-STOWS)
- D. Monitoring System For Tiger Conservation (M-STC)

Answer: A

Explanation:

The wildlife officials used mobile application Monitoring System For Tigers-Intensive Protection and Ecological Status (M-STripES) to estimate the tiger population in the country. This was announced by Y V Jhala, Scientist of Tiger Cell at Wildlife Institute of India (WII). The application records the track a forest official walks and geotags the sightings of tigers and even other animals or signs which helps in the estimation. The data was received from 491 forest divisions of India and it was processed using M-STripES software.

73. Name of the programme that is jointly launched by Google India & Tata Trusts to facilitate digital literacy among women in rural India.

- A. Internet Saathi
- B. New India
- C. Women Power
- D. Techie Women

Answer: A

Explanation:



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Internet Saathi initiative, a collaborative programme of Google India and Tata Trusts, will be expanded to villages in Punjab and Odisha. Launched in July 2015, the initiative aims to facilitate digital literacy among women in rural India. The programme has contributed towards bridging the digital gender divide in rural India. Initially, in 2015, female to male ratio was 1 in 10 and in 2018, it was increased to 4 in 10. It has trained 70,000 'Internet Saathis'. The programme started as a pilot in Rajasthan and was expanded to states including Gujarat, Jharkhand, Andhra Pradesh, Uttar Pradesh, Assam, West Bengal, Tripura, Maharashtra, Madhya Pradesh, Bihar, Haryana, Tamil Nadu, Goa, Karnataka, Uttarakhand, Chhattisgarh and Telangana.

74. Who will introducing 'Learning Playlists' for educational videos?

- A. Facebook
- B. YouTube
- C. Skype
- D. Twitter

Answer: B

Explanation:

YouTube will be introducing 'Learning Playlists' feature for educational videos on varied topics such as science, math, music and language.

75. Name of the virus that hit 1.5 crore android devices across the country recently.

- A. Black Horse
- B. Agent Smith
- C. Target John
- D. Super Bug

Answer: B

Explanation:

The newly discovered Android malware Agent Smith infected 1.5 crore android devices in the country while about 2.5 crore devices have been affected with this virus. The malware has been nicknamed, 'Agent Smith', owing to the methods it uses to attack an Android device without getting noticed.

76. Popshot, the world's first ever interactive browser built for smartphones was launched in which country?

- A. China
- B. India
- C. Singapore
- D. France

Answer: B

Explanation:

Popshot, the world's first ever interactive browser built for smartphones, launches in India. Popshot is a smart app that changes the way people explore, share, and save the web through a first-of-its-kind interactive screenshot feature. This promises to redefine the users' digital capabilities in exploring, bookmarking and sharing content by making it more visual, organized and direct.

77. BYPL, a power distribution company, launched energy saving app recently. What is the name of the app?

- A. Ecobee Smart Thermostat
- B. Green Outlet
- C. Susthome



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D. Energy Cost Calculator

Answer: C

Explanation:

BSES Yamuna Power Limited (BYPL), a power distribution company, launched energy-saving behavioral app 'Susthome'. It is developed by BYPL and TERI-The Energy and Resources Institute, to bring about a behavioural change in how consumers use electricity and it will track energy consumption patterns. In the first phase of a pilot project, selected cooperative housing societies in Mayur Vihar will use this app. In the second phase, the initiative will cover around two lakh residential consumers. It has the potential to save nearly 72 MUs (Million Units) and over Rs 29 crore annually. BYPL has partnered with several private bodies like TERI, Panasonic India and Council on Energy, Environment and Water (CEEW) to launch three ambitious and novel initiatives like the behavioural energy saving app, green division concept and solar micro grids with battery storage.

78. Name the driving license app, that is introduced by the government recently.

- A. G-Yatra
- B. Sarathi
- C. Spotify
- D. m-Parivahan

Answer: B

Explanation:

The government plans to introduce Universal smart card driving licences. The Ministry of Road Transport and Highways (MoRTH) has decided to

modify the current format of driving licenses to laminated card without chip or smart card type driving licences. This Ministry will accomplish the mission through its flagship application called SARATHI (for driving license) developed by National Informatics Centre (NIC).

79. Which of the following is a subsidiary of Facebook that is introduced to provide financial services for users to participate in the Libra network?

- A. BiyoWallet
- B. Calibra
- C. Alipay
- D. Adyen

Answer: B TM

Explanation:

Facebook introduced Calibra, its digital wallet, which will provide financial services and it will be integrated into Facebook Messenger, WhatsApp, and other approved third-party wallets. Libra Association has 27 partners which includes venture capital firms, nonprofit organizations, crypto firms, and massive corporate financial, telecommunications, and technology service providers like Coinbase, Mastercard, Visa, eBay, PayPal, Stripe, Spotify, Uber, Lyft, and Vodafone.

80. Which State topped the 2nd edition of the US Green Building Council's (USGBC) list?

- A. Kerala
- B. Karnataka
- C. Maharashtra
- D. Telangana

Answer: C



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Explanation:

Maharashtra topped the 2nd edition of the US Green Building Council's (USGBC) list. Karnataka and Tamil Nadu bagged No 2 & 3 spot respectively. The list consists of India's top 10 states that have a maximum number of LEED certified green buildings. LEED stands for Leadership in Energy and Environmental Design.

81. The Centre is demanding _____ for fingerprinting of messages to trace the origin of all content shared through it.

- A. Twitter
- B. WhatsApp
- C. Instagram
- D. TikTok

Answer: B

Explanation:

The Indian government has demanded Whatsapp, the Facebook-owned messaging application, to digitally fingerprint messages that are sent on its platform without breaking the encryption. The move is to ensure traceability of all content shared through the WhatsApp platform, without reading the message. This decision is in line with draft amendments to intermediary guidelines of the Information Technology Act released in December 2018, which requires all internet platforms to ensure traceability of the origin of all content shared through them.

82. Facebook launches cryptocurrency which allows users to make financial transactions across the globe. It's named as;

- A. Dobil
- B. Libra
- C. Cryco
- D. Digicy

Answer: B

Explanation:

Face book has announced a digital currency called Libra that will allow its billions of users to make financial transactions across the globe. Libra is being touted as a means to connect people who do not have access to traditional banking platforms. Technology to make transactions with Libra will be available as a standalone app - as well as on WhatsApp and Facebook Messenger platforms - as early as 2020.

83. Which media company planned to launch updated Portal devices for video chat?

- A. Twitter
- B. Facebook
- C. Instagram
- D. Skype

Answer: B

Explanation:

Face book is set to launch an updated version of its video chat device 'Portal' later in 2019. Face book would also reveal some new form factors, including Ripley, that Portal would be shipped with. The device is also powered by Amazon's voice assistant Alexa and comes with front cameras. It was first launched in November 2018.



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84. Name the web mapping service, which launches three new public transport features in India.

- A. Wiki Mapia
- B. MapQuest
- C. Bing Maps
- D. Google Maps

Answer: D

Explanation:

A web mapping service, Google map launched three India-First features targeted at Public transport users to access public transport quickly and easily. It stated that Google map users now can see the bus travel times from live traffic data across 10 cities, get to know the real-time train status on the platform as well as get commute suggestions that combine public transport and auto-rickshaws. The 10 cities are Delhi, Bangalore, Mumbai, Hyderabad, Pune, Lucknow, Chennai, Mysore, Coimbatore, and Surat.

85. The interactive game show named "Confetti" was launched by _____.

- A. Google
- B. Facebook
- C. Microsoft
- D. Apple

Answer: B

Explanation:

Social networking giant Facebook on Tuesday announced its first interactive game show, titled "Confetti" in India. It is Facebook's first official show in India and will go on air starting 12 June 2019. It will air from Wednesday to Sunday on

Facebook Watch, Facebook's dedicated video platform. : The participants stand a chance to win Rs.3 lakh as cash prize everyday on challenge of answering pop culture trivia questions.

86. Facebook has confirmed, that the WhatsApp Status will start display ads from _____.

- A. 2025
- B. 2022
- C. 2021
- D. 2020

Answer: D

Explanation:

Whats App Status will start displaying ads from 2020, the messaging platform's parent firm Face book has confirmed. Its already monetized Whats App Business app will get richer messaging formats, including viewing text alongside image or PDF in a single message.

87. Who registered a new crypto currency firm named 'Libra Networks LLC' in Geneva, Switzerland?

- A. Buy Ucoin
- B. Face book
- C. Paytm
- D. Phonepe

Answer: B

Explanation:

Face book Global Holdings registered a new crypto currency firm named 'Libra Networks LLC' in Geneva, Switzerland. It will provide financial and technology services by developing related hardware and software components. Face book has been very secretive about its new crypto



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currency project. Face book had registered the trademark "Libra" with the United States Patent and Trademark Office. Face book has hired 2 crypto currency compliance experts who formerly worked at the major crypto exchange Coin base to assist in their work.

88. registers its new secretive crypto currency firm Libra Networks LLC in Geneva, Switzerland

- A. Whatsapp Messenger
- B. Twitter
- C. Facebook
- D. Instagram

Answer: C

Explanation:

Face book Global Holdings registered a new crypto currency firm named 'Libra Networks LLC' in Geneva, Switzerland. It will provide financial and technology services by developing related hardware and software components. Face book has been very secretive about its new crypto currency project. Face book had registered the trademark "Libra" with the United States Patent and Trademark Office. Face book has hired 2 crypto currency compliance experts who formerly worked at the major crypto exchange Coin base to assist in their work.

89. India's largest app for financial services that has integrated with Unified Payment Interface (UPI) is;

- A. Wally
- B. Mint
- C. You Need a Budget
- D. ETMONEY

Answer: D

Explanation:

ETMONEY India's largest app for financial services has integrated with Unified Payment Interface (UPI) as a payment method. The reason for this is to double its monthly user base by the end of 2019. This integration will simplify the mutual fund payment for millions of ETMONEY users. ETMONEY is owned by Times Internet which is a part of the Times Group.

90. Google unveiled new Cloud Platform, to manage apps from anywhere. It was named as;

- A. Azure
- B. Midru
- C. Kuber
- D. Anthos

Answer: D

Explanation:

Google has introduced a new open platform called Anthon to run and manage apps from anywhere. Based on the Cloud Services Platform that Google announced in 2018, Anthon lets users run applications on existing on-premise hardware investments or in the Public Cloud. Anthon will also let users manage workloads running on third-party clouds like Amazon AWS and Microsoft Azure. Anthon is a Kubernetes-powered technology to build and manage hybrid applications, for on-premises or cloud deployments. Google also announced Anthon Migrate in beta, which auto-migrates virtual machines (VMs) from on-premises, or other clouds, directly into containers in Google Kubernetes Engine (GKE) with minimal effort.



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91. Amazon India launched a new seller-funding programme to help the small businesses and entrepreneurs to raise funds through the crowd funding platform. It was named as;

- A. Amazon Connect
- B. Pay Easy
- C. Amazon Fund
- D. Amazon Wings

Answer: D

Explanation:

A new seller-funding programme named 'Amazon Wings' has been launched by Amazon India to help the small businesses and entrepreneurs to raise funds through the crowd funding platform. With this initiative, the small businesses and entrepreneurs of this platform can raise the funds for their business expansion, product development, and foster innovation or community development. Amazon India sellers can use the Kato's platform for a subsidized fee which is around 50 percent to initiate fundraisers. Also, it launches a dedicated micro site to feature fundraisers initiated by sellers by which they can raise small ticket funds starting from as little as Rs 50,000 by means of crowd-funding through multiple individuals. Presently, Amazon India runs a programme called 'Launch pad' that helps product start-ups get a wider reach on the platform.

92. Which social network app launched a fact-checking feature to combat fake news to the Lok Sabha elections?

- A. WhatsApp

- B. Facebook
- C. Tik Tok
- D. Viber

Answer: A

Explanation:

Whats App launched an India-focused fact-checking feature to combat fake news and rumours starting with the run-up to the Lok Sabha elections. Developed in collaboration with India-based media skilling startup PROTO, the tip line feature will help create a database of rumours to study misinformation during elections as part of a research project commissioned and assisted by Whats App.

93. Which company has banned White Nationalism, White Separatism, recently?

- A. Facebook
- B. Google
- C. Twitter
- D. Instagram

Answer: A

Explanation:

Face book has banned praise, support and representation of white nationalism and white separatism on its platforms. This move had a qualified approval from the recent Christchurch mosque shooting. Face book will also direct users who post or search content connected to these ideologies to an organization that helps people leave hate groups. Social Media platforms were under pressure and criticisms that they have failed to confront extremism. White Supremacy is defined as a belief system with tenets like "whites should have dominance over people of



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other backgrounds, especially where they may co-exist; whites should live by themselves in a whites-only society, white people have their own 'culture' that is superior to other cultures; white people are genetically superior to other people.

94. Bank of Baroda is set to develop an agriculture digital platform. It was named as;

- A. Digital Agri Market
- B. Baroda Crop
- C. Digital Agro
- D. Baroda Kisan

Answer: D

Explanation:

Bank of Baroda has signed an MoU with agriculture services companies to develop an agriculture digital platform, Baroda Kisan, which will provide solutions for agricultural requirements. BoB has signed the agreement with Skymet Weather Services, Weather Risk Management Services, BigHaat, Agrostar India, EM3 Agri Services, and Poorti Agri Services. The platform intends to make a holistic approach towards solving agricultural plights by means of providing reliable and customised information, inputs for use, the convenience of renting farm equipment, and market linkage for sale of agriculture produce.

95. Xiaomi launched a UPI based mobile payment service in India to send money from one bank account to another. It was named as;

- A. Mi Pay
- B. Xio Pay
- C. Mi Xio Pay
- D. Pay easy through mi

Answer: A

Explanation:

Xiaomi launched Mi Pay, a UPI (Unified Payments Interface) Based mobile payment service in India to send money from one bank account to another or between UPI (Unified Payments Interface) accounts. The service provider of this application is ICICI Bank. It was certified by National Payments Corporation of India (NPCI). A customer can pay various types of bills, make DTH recharge with the help of this application.

96. Recently, Google unveiled a video game streaming service called _____.

- A. Pokimane
- B. Nightblue
- C. GVidu
- D. Stadia

Answer: D

Explanation:

Google unveiled its on-demand video-game streaming service Stadia, built for Chrome, Android and TVs, at the 2019 Game Developers Conference in San Francisco, California. Stadia's 'Crowd Play' feature will let people, watching a YouTube live stream, to actually join the streamer's game. The service will initially be launched this year in the US, Canada, the UK and Europe.

97. Election Commission of India has developed a mobile app, for the 2019 Lok Sabha election. It was named as;

- A. ECI Authenticator Code
- B. cVIGIL



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- C. SUVIDHA
- D. ENCORE

Answer: B

Explanation:

Election Commission of India has developed cVIGIL, a mobile app, for the upcoming Lok Sabha election. 'cVIGIL' stands for 'Vigilant Citizen'. It is expected to be launched on 18th March 2019. It will be available on Google Playstore. Complaints regarding the model code of conduct and violations can be lodged in during election time. To lodge a complaint, a voter should download the app from Google Play Store. Photos and two-minute video clippings regarding the violation including threatening of voters, causing enmity between voters on caste and religious lines, character assassination of candidates, can be uploaded via the app. Complainants also have the option to remain anonymous. Within 100 minutes of filing the complaint, the complainant will receive feedback on the action taken.

98. Dot Book: India's first Braille laptop created by the students from _____.

- A. IIT-Kharagpur
- B. IIT-Kanpur
- C. IIT-Madras
- D. IIT-Delhi

Answer: D

Explanation:

Pulkit Sapra, 26, from Delhi and Suman Murali krishnan, 27, from Chennai, former students and researchers at the Indian Institute of Technology (IIT), Delhi have created a laptop for visually-impaired called "Dot Book". It is claimed to be

the first in India, the laptop has an interface in form of dots or Braille instead of a visual one. Instead of a screen, the laptop displays embossed text in Braille through a touchpad and the users get to feel everything a website has by touching the pad. It is built in Linux and comes with 4 GB internal storage which is expandable up to 64 GB and it can be connected with mobile phones and other laptops to provide a visual display for sighted persons. They have launched two versions of the laptop, one with 20 cell version (Rs 40,000) and another 40-cell version (Rs 60,000) - each referring to the number of characters displayed in one line. The 20-Cell Braille Variant has Perkins Keys while the 40-Cell Braille Variant with QWERTY keyboard.

99. Which company revealed the World's fastest 1TB microSD card at Mobile World Congress (MWC) 2019?

- A. Kingston Technology
- B. SanDisk
- C. Lexar
- D. Silicon Power

Answer: B

Explanation:

Two 1 terabyte microSD cards were revealed by companies Western Digital-owned SanDisk and Micron during Mobile World Congress (MWC) in Barcelona. The 1TB SanDisk Extreme UHS-I microSD card, which the company claims to be the world's fastest, reaches speeds of up to 160 Mbps. While Micron's card, claimed to be the world's first, reaches speeds of up to 100 Mbps.



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100. Name the Super Computer that was unveiled in IIT-BHU by Prime Minister Narendra Modi?

- A. Param Shivay
- B. Aaditya
- C. SahasraT
- D. Param Yuva 2

Answer: A

Explanation:

PM Narendra Modi inaugurated supercomputer 'Param Shivay' at IIT-BHU. The supercomputer of 833 teraflop capacity built at the cost of Rs 32.5 crore. Additional Information: India's first supercomputer called PARAM 8000 was launched in 1991. He released commemorative

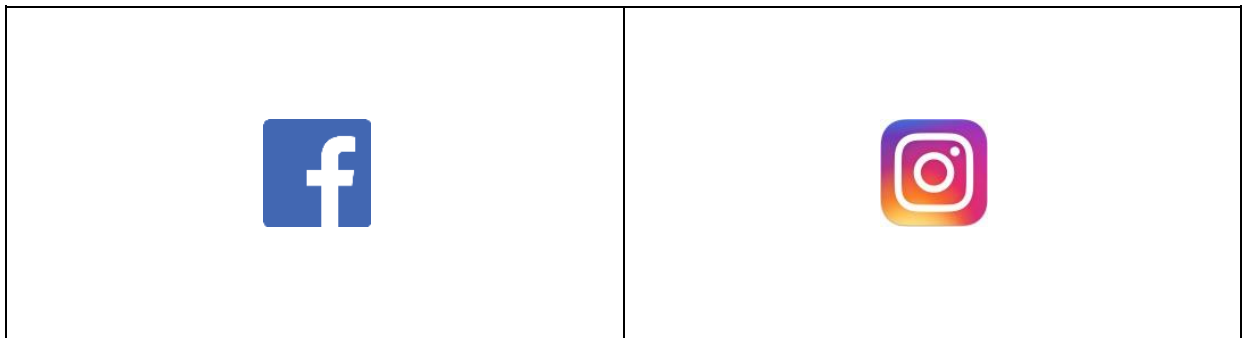
postage stamp on completion of 100 Years of IIT BHU.

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