

Science & Technology Current Affairs Practice Questions

1. Which of the following statements regarding Fishery and oceanographic Research vessel (FORV) is/are correct?
 1. It is a floating laboratory being developed by the Ministry of Earth sciences and would be used for marine and ocean research.
 2. It will replace the ageing Sagar Sampada, which has been facilitating marine research activities in India since 1984.

Select the correct answer using the codes given below.

(A) 1 only
(B) 2 only
(C) Both 1 and 2
(D) Neither 1 nor 2
2. A recent report released by American Medical Association Council on science and public health claims that excessive blue light emitted by LEDs can adversely impact?
 1. Human health
 2. Environment
 3. Other species

Select the correct using the codes given below.

(A) 1 only
(B) 1 and 3 only
(C) 1 and 2 only
(D) 1, 2 and 3
3. Consider the following statements regarding Aditya Spacecraft:
 1. This will be the first Indian mission to study the sun, and also the first Indian mission to be placed at Lagrangian point L1.
 2. Till now only NASA has successfully placed satellites at the L1 point.

Which of the statements given above is/are true?

(A) 1 only
(B) 2 only
(C) Both 1 and 2
(D) Neither 1 nor 2
4. Which of the following statements is/are true about IRNSS?
 1. IRNSS space system, is comprising of seven satellites, which is at par with US-based GPS.
 2. IRNSS will have total seven satellites, of which 3 satellites will be Geosynchronous and 4 will be Geostationary.

Select the correct answer using the codes given below.

(A) 1 only
(B) 2 only
(C) Both 1 and 2
(D) Neither 1 nor 2
5. Consider the following statements regarding Antrix:
 1. It is not a wholly owned Government of India company.
 2. It is the commercial and marketing arm of the Indian space research organization.
 3. It got the Maharatna status from the government of India in 2008.

Which of the statements given above is/are incorrect?

(A) 1 only

- (B) 1 and 3 only
- (C) 2 only
- (D) 3 only

6. Which of the following is/are the mission objectives of CHANDRAYAAN-1?

- 1. Prepare 3D atlas of lunar surface.
- 2. Confirming presence of water-ice on the moon.
- 3. Identify regions which are rich in Helium-3.
- 4. Locate minerals in the moon soil.
- 5. Finding methane on the moon.

Select the correct answer using the codes given below.

- (A) 1, 2, 3 and 5 only
- (B) 1, 2 and 4 only
- (C) 1, 2, 3 and 4 only
- (D) 1, 2, 3, 4 and 5

7. Consider the following statements regarding MARS ORBITER MISSION (MOM):

- 1. This is India's first interplanetary project.
- 2. It made India the second Asian country to have an interplanetary orbiter launch to its credit.
- 3. It was successfully inserted into mars orbit on 16th November, 2013.

Which of the statements given above is/are incorrect?

- (A) 2 only
- (B) 3 only
- (C) 2 and 3 only
- (D) 1, 2, and 3

8. Which of the following is a robotic submarine send under in southern Indian Ocean to search the black box of MH370 Malaysian plane that went missing recently?

- (A) ACYUT 4
- (B) EMIEW-2
- (C) ASIMO
- (D) BLUE FIN 21

9. Which of the following statements regarding Urja Ganga Project is/are correct?

- 1. It aims to provide PNG and CNG.
- 2. It will connect Jagdishpur (U.P) to Haldia (West Bengal).
- 3. It will include five states viz. Uttar Pradesh, Bihar, Chhattisgarh, Odisha and West Bengal.

Select the correct answer using the codes given below.

- (A) 1 only
- (B) 2 only
- (C) 1 and 2 only
- (D) 1, 2 and 3

10. The Nobel Prize 2016 in Physiology was awarded to which of the following?

- (A) Yoshinori Ohsumi
- (B) David J. Thouless
- (C) Jean-Pierre Sauvage
- (D) F. Duncan

11. Consider the following statements regarding Graphene:

- 1. It is the thinnest compound known to man at atom thick.
- 2. It is the lightest material known.
- 3. It is bad conductor of electricity.

Which of the statements given above is/are correct?

- (A) 1 only
- (B) 3 only
- (C) 1 and 2 only
- (D) 1, 2 and 3

12. Which of the following statements regarding Gluten is/are incorrect?

- 1. It is a mixture of vitamins found in wheat and related grains.
- 2. It has viscoelastic properties.
- 3. It is used to give elasticity, shape and chewy texture to a product.

Select the correct answer using the codes given below.

- (A) 1 only
- (B) 2 only
- (C) 2 and 3 only
- (D) 1, 2 and 3

13. Consider the following statements regarding Bitcoin:

- 1. It is a form of digital currency, created and held electronically.
- 2. They aren't printed like other currencies.
- 3. It is an example of cryptocurrency.
- 4. The bitcoin network is controlled by a central authority.

Which of the statements given above is/are correct?

- (A) 1 and 2 only
- (B) 1 and 3 only
- (C) 1, 2 and 3 only
- (D) 1, 2, 3 and 4

14. Consider the following statements:

- 1. Ramjets work most efficiently at supersonic speeds around Mach 3 and can operate upto speeds of Mach 6.
- 2. A ramjet engine is an improvement over the scramjet engine.

Which of the statements given above is/are correct?

- (A) 1 only
- (B) 2 only
- (C) Both 1 and 2
- (D) Neither 1 nor 2

15. National centre for Antarctic and Ocean Research, under the ministry of Earth sciences has established a high altitude research station in Himalaya called 'HIMANSH', what is the objective of this initiative?

- (A) Study and quantify the Himalayan glacier responses towards the climate change.
- (B) Study the pollution level in Himalayan Rivers.
- (C) Study and recognize the forest resources with respect to intellectual property rights.
- (D) Both A and B

16. Consider the following statements regarding Kigali Agreement:

- 1. It amends the 1987 Kyoto protocol to include gases responsible for global warming.
- 2. This agreement is binding on countries with effect from signing of agreement itself.
- 3. It does not provisions for penalties on non-compliance.

Which of the statements given above is/are true?

- (A) 1 only

- (B) 2 and 3 only
- (C) 1 and 2 only
- (D) None of the above

17. Consider the following statements regarding Anthropocene Epoch:

1. The Anthropocene was coined in 2000 by Paul Crutzen.
2. It is a recognized epoch that begins when human activities started to have a significant global impact on Earth's geology and ecosystems.
3. The International commission on stratigraphy and the International Union of Geological Sciences has officially approved the term Anthropocene.

Which of the statements given above is/are incorrect?

- (A) 1 only
- (B) 2 only
- (C) 2 and 3 only
- (D) 1, 2 and 3

18. Recently, a multi-fuel domestic cooking stove named 'Neerdhur' has been developed by?

- (A) NEERI
- (B) CSIR
- (C) ICAR
- (D) Both A and B

19. Consider the following statements regarding Seaweed:

1. It is considered as the medicinal food of the 21st century.
2. Many seaweeds are rich in minerals and vitamins.
3. Seaweed cultivation increases eutrophication.

Which of the statements given above is/are incorrect?

- (A) 2 only
- (B) 1 and 2 only
- (C) 3 only
- (D) 1, 2 and 3

20. Consider the following statements regarding aerosols:

1. An aerosol is a colloid of fine solid particles or liquid droplets, in air or another gas.
2. The aerosol adsorbs pollutants and facilitates their deposition on the earth's surface, which is harmful for the environment.
3. Aerosol regulates the amount of sunlight (solar insolation) entering into the earth's atmosphere and contributing to the global climate change.

Select the correct answer using the code given below.

- (A) 1 only
- (B) 2 and 3 only
- (C) 1 and 3 only
- (D) 1, 2 and 3

21. CRISPR (Clustered Regularly Interspaced Short Palindromic Repeats) technology can be used in curing:

- (A) Sexual Diseases
- (B) Mental Diseases
- (C) Cancer
- (D) Genetic Diseases

22. Which of the following displays employ the organic compound to emit light in response to an electric current?

- (A) OLED
- (B) Plasma display
- (C) LED
- (D) NED

23. Consider the following statements regarding BILL:

1. It stands for Bio Indicator Lidar Instrument.
2. It is a new instrument that could search for signatures of life on Mars.
3. It is florescence based remote sensing instrument.

Which of the statements given above is/are incorrect?

- (A) 1 only
- (B) 3 only
- (C) 1 and 2 only
- (D) All are correct

24. What is Smart India Hackathon 2017?

- (A) It's a pan India governance competition.
- (B) It's a pan India digital programming competition.
- (C) It's a campaign for Smart cities initiative.
- (D) It's a campaign for digital India initiative.

25. Consider the following statements regarding PUSA ARHAR 16:

1. It is high yielding pigeon pea variant.
2. It is having a lesser maturity period.
3. It needs large amount of water and is not suitable of mechanized harvesting.

Which of the statements given above is/are false?

- (A) 2 only
- (B) 1 and 2 only
- (C) 2 and 3 only
- (D) 3 only

26. Consider the following statements regarding Global Microscope Report:

1. The report assesses for regulatory environment for scientific research and development across 12 different indicators and 55 countries.
2. India has been ranked 5th by the Global Microscope Report 2016.

Which of the statements given above is/are true?

- (A) 1 only
- (B) 2 only
- (C) Both 1 and 2
- (D) Neither 1 nor 2

27. Bhuvan is?

- (A) A Geostationary satellite for promoting distance education in India.
- (B) An indigenous telescope developed to counter Hubble telescope.
- (C) The name given to next moon impact probe for Chandrayaan II.
- (D) A software application which allows exploring the surface of the earth.

28. Consider the following statements regarding Venus Atmospheric Maneuverable Platform (VAMP):

1. It is a project to have a plane cruise through the sulfurous skies of Venus.
2. It would be flown 50 to 70 km above the surface of Venus.
3. The temperature 50 to 70 km on Venus is about 30 degree Celsius.

Which of the statements given above is/are correct?

- (A) 1 only
- (B) 1 and 2 only
- (C) 1 and 3 only
- (D) 1, 2 and 3

29. Cryogenics can be applied in which of the following?

- 1. Blood Banking
- 2. X-ray
- 3. Surgery
- 4. Telemetry
- 5. Magnetic levitation
- 6. Space technology

Select the correct answer using the code given below:

- (A) 1, 3, 4, 5 and 6 only
- (B) 1, 2, 4 and 6 only
- (C) 1, 5 and 6 only
- (D) 1, 3, 5 and 6 only

30. Consider the following about In Vitro fertilization:

- 1. It is a type of assisted reproductive technology used for infertility treatment and gestational surrogacy.
- 2. It is a process by which an egg is fertilized by sperm outside the body.

Which of the statement given above is/are incorrect?

- (A) 1 only
- (B) 2 only
- (C) Both 1 and 2
- (D) Neither 1 nor 2

31. Consider the following statements regarding ASTROSAT:

- 1. It is India's second dedicated multi wavelength space observatory.
- 2. Its launch mass was 1650 kg.
- 3. It was successfully launched from Satish Dhawan Space Centre on board a PSLV-CA vehicle.

Which of the statements given above is/are true?

- (A) 1 and 2 only
- (B) 1 only
- (C) 1 and 3 only
- (D) 1, 2 and 3

32. India's first Augmented Reality (AR) education and training institute will be set up in?

- (A) Ahmedabad
- (B) Varanasi
- (C) Bangalore
- (D) Vishakhapatnam

33. Consider the following statements regarding Fast Neutron Reactors:

- 1. It is a type of reactor in which nuclear fission chain reaction is sustained by fast neutrons.
- 2. Fast Neutron Reactors need neutron moderator.
- 3. It can help in reprocessing and deactivation of radioactive waste material.

Which of the statements given above is/are correct?

- (A) 1 only
- (B) 1 and 2 only
- (C) 1 and 3 only
- (D) 1, 2 and 3

34. Consider the following statements regarding 'Waterless chrome tanning technology':

1. It is a game changing technology to make leather processing environmentally stable and reduce chromium pollution load.
2. This technology eliminates use of water in tanning.
3. It brings down the usage of chromium by 80-90 %.

Which of the statements given above is/are true?

- (A) 1 only
- (B) 1 and 2 only
- (C) 1 and 3 only
- (D) 1, 2 and 3

35. Consider the following statements regarding Internet of Things (IoT):

1. It is internetworking of physical devices with electronics, software, sensors, actuators and network connectivity.
2. The IoT allows objects to be sensed or controlled remotely across existing network infrastructure.
3. Lamps and washing machine like devices cannot be a part of IoT.

Which of the above given statements is/are incorrect?

- (A) 1 only
- (B) 1 and 2 only
- (C) 3 only
- (D) 1, 2 and 3

36. The 'Cloud Computing' technology refers to:

- (A) A distributed computer architecture that provides software, infrastructure and platforms just as required by applications/users.
- (B) A set of algorithms that solves problems using fuzzy logic.
- (C) Many computers that are interconnected through wireless networks and satellites.
- (D) A futuristic technology that will use clouds to perform computing.

37. Consider the following statements about HGP-Write:

1. It will be the first ever Human Genome Project.
2. It will be an open, academic, International scientific research project.

Which of the statements given above is/are correct?

- (A) 1 only
- (B) 2 only
- (C) Both 1 and 2
- (D) Neither 1 nor 2

38. Which of the following is/are used as food additives?

1. Potassium Bromate
2. Potassium Iodate

Select the correct answer using the code given below.

- (A) 1 only
- (B) 2 only
- (C) Both 1 and 2
- (D) Neither 1 nor 2

39. What is Light detection and ranging technology?

- (A) It is a remote sensing technology that measures distance.
- (B) It is a communication technology enabling communication using light.
- (C) It is a product of nanotechnology detecting light through Nano particles.
- (D) It is a technology enabling networking through LEDs.

40. CASPOL can be applied in which of the following fields:

1. Launch Vehicle

2. Railways and Automobiles
3. Cooking Gas
4. Cottage roofs

Select the correct answer using the code given below.

- (A) 1 and 2 only
- (B) 1 only
- (C) 1, 2 and 3 only
- (D) 1, 2 and 4 only

41. What is MALTITOL?

- (A) It is a sugar alcohol.
- (B) It is a material which can be used as a substitute of plastic.
- (C) It is a technology for the treatment of cancer.
- (D) It is a project of Indian Institute of Science for research in Biotechnology.

42. What is Industrial Internet?

- (A) Application of Cloud computing in industries.
- (B) Application of Internet of things in industries.
- (C) Network of industries related to internet service providers.
- (D) Developing a network of industries around the world.

43. Consider the following statements regarding LISA Pathfinder:

1. LISA stands for Laser Interferometer Space Application.
2. It is a research spacecraft of NASA to detect gravitational waves.

Which of the statements given above is/are correct?

- (A) 1 only
- (B) 2 only
- (C) Both 1 and 2
- (D) Neither 1 nor 2

44. Which of the following is/are the application of Nanotechnology?

1. Desalination of water
2. Medicine
3. Waste water treatment
4. Food additives
5. Cosmetics

Select the correct answer using the code given below.

- (A) 1, 3 and 5 only
- (B) 1, 2 and 3 only
- (C) 1, 2, 3, and 5 only
- (D) 1, 2, 3, 4, and 5

45. Consider the following statements regarding Bio-Ink:

1. It can be used for cartilage implants.
2. It allows 3D printing of complex non-living tissues.
3. A component of bio-ink called synthetic polymer causes the bio-ink to change from liquid to solid when the temperature is raised.

Which of the statements given above is/are incorrect?

- (A) 1 only
- (B) 1 and 3 only
- (C) 2 only
- (D) 2 and 3 only

46. Assertion (A): A Tibetan prefecture Ngari, bordering India and Nepal is considered one of the best sites for astronomical observation on Earth.

Reason (R): Ngari has high altitude and large number of cloudless days throughout the year.

Select the correct answer using the code given below.

- (A) Both A and R are true and R is the correct explanation of A.
- (B) Both A and R are true and R is not the correct explanation of A.
- (C) A is true and R is false
- (D) A is false and R is true

47. Consider the following statements regarding LUCA (Last Universal Common Ancestor):

1. It was a single cell bacterium like organism.
2. It can be said that it was first living organism on Earth.
3. Eukaryotes share common genetic features with LUCA.

Which of the following statements is/are true?

- (A) 1 only
- (B) 1 and 3 only
- (C) 1 and 2 only
- (D) 1, 2 and 3

48. A solar powered internet drone 'Aquila' is a project of?

- (A) Google
- (B) Twitter
- (C) Facebook
- (D) Collaboration of Facebook and Google

49. Consider the following statements regarding JUNO:

1. It is a space craft of NASA aimed at understanding origin and evolution of Jupiter.
2. It is named on a Greco-Roman mythology.
3. It is the third spacecraft to orbit Jupiter.

Which of the statements given above is/are incorrect?

- (A) 2 only
- (B) 1 and 2 only
- (C) 3 only
- (D) 1, 2 and 3

50. Which of the following statements regarding CERES is/are true?

1. It is the only dwarf planet located in the outer circle of the solar system.
2. It is the largest object in the asteroid belt.
3. When Dawn arrived in 2015, Ceres became the first dwarf planet to receive a visit from spacecraft.

Select the correct answer using the code given below.

- (A) 2 only
- (B) 2 and 3 only
- (C) 1 and 3 only
- (D) 1, 2 and 3

51. Recently, India became the first country to be officially acknowledged by WHO and UNICEF as being Yaws-free. What is Yaws?

- (A) It is a kind of flu
- (B) It is a genetic disease
- (C) It is a kind of infection
- (D) It is a virus

52. Consider the following statements regarding Solar Power Tree, developed by the CSIR-CMERI:

1. It will harness solar energy for producing electricity with vertical arrangement of solar cells.
2. It reduces the requirement of land and keeps the land character intact.
3. It is not viable for urban areas.

Which of the statements given above is/are correct?

- (A) 1 and 2 only
- (B) 3 only
- (C) 1 and 3 only
- (D) 1, 2 and 3

53. Consider the following statements regarding scramjet:

1. It stands for supersonic combustion ramjet.
2. It uses atmospheric oxygen to burn hydrogen fuel.
3. These are efficient only at hypersonic speed.

Which of the statements given above is/are incorrect?

- (A) 1 only
- (B) 1 and 2 only
- (C) 3 only
- (D) 2 and 3 only

54. 'Advanced Ultra super critical technology' is a research and development project related to?

- (A) Thermal power plants
- (B) Nuclear power plants
- (C) Solar power plants
- (D) Wind energy development

55. What is CYBATHLON?

- (A) It is a type of cyber crime
- (B) It is a type of Computer Virus
- (C) It is an international competition
- (D) It is an android application

56. Consider the following statements regarding NASA's Cassini-Huygens's Mission:

1. It reached Saturn and its moon in July, 2008.
2. It has recently discovered steep sided canyons flooded with hydrocarbons on Saturn's moon Titan.

Which of the statements given above is/are incorrect?

- (A) 1 only
- (B) 2 only
- (C) Both 1 and 2
- (D) Neither 1 nor 2

57. What is 'Proxima Centauri'?

- (A) It is the closest star to our solar system.
- (B) It is a recently discovered Earth-like planet orbiting the closest star to our solar system.
- (C) It is a dwarf planet located in asteroid belt.
- (D) It is a spacecraft of ESA to Jupiter.

58. Consider the following statements about PAVA shells:

1. It is an inorganic compound.
2. It can temporarily paralyse humans.
3. It has been considered as a non-lethal munitions to control crowd by TVSN Prasad Committee.

Which of the statements given above is/are correct?

- (A) 2 only
- (B) 1 and 3 only
- (C) 2 and 3 only

- (D) 1, 2 and 3
59. **Mycobacterium Indicus Pranii (MIP)**, developed in India is a vaccine preventing against?
- (A) Leprosy
 - (B) Tuberculosis
 - (C) Human papilloma Virus
 - (D) Aids
60. Consider the following statements regarding Methanol:
1. It can be used a low emission fuel for vehicles.
 2. Carbon dioxide can be converted into Methanol.
- Which of the statements give above is/are true?
- (A) 1 only
 - (B) 2 only
 - (C) Both 1 and 2
 - (D) Neither 1 nor 2
61. Consider the following statements regarding INSAT 3DR:
1. It is for providing meteorological services in the country.
 2. It continues the mission of INSAT 3D satellite which was launched in 2011.
- Which of the statements given above is/are incorrect?
- (A) 1 only
 - (B) 2 only
 - (C) Both 1 and 2
 - (D) Neither 1 nor 2
62. What is NIDHI?
- (A) It is an umbrella program of department of science and technology working towards nurturing innovations into startups.
 - (B) It is a fund created by department of science and technology for research and development in the country.
 - (C) It is an umbrella program of department of biotechnology for research and development in the field of biotechnology.
 - (D) It is a pool created by Government of India in which all foreign funding received for research and development will be kept.
63. Recently, researchers in IIT Madras have devised a method that can convert brackish water into potable water using?
- (A) Reverse osmosis technique
 - (B) Graphic electrodes covered with grapheme
 - (C) Using biotechnology
 - (D) None of the above
64. Consider the following statements regarding data storage in DNA structure:
1. DNA possess some of the important properties for storing data.
 2. It is unstable to store data in DNA for thousands of years.
 3. Its packing density is low.
- Which of the statements given above is/are not correct?
- (A) 1 only
 - (B) 2 only
 - (C) 2 and 3 only
 - (D) 1, 2 and 3
65. Consider the following questions regarding Intellectual Disability:
1. Genes play some role in intellectual disability.

2. Intellectual disability was previously called as mental retardation.

Which of the statements given above is/are correct?

- (A) 1 only
- (B) 2 only
- (C) Both 1 and 2
- (D) Neither 1 nor 2

66. What is OSIRIX-REX?

- (A) It is a space probe of NASA for asteroid Bennu.
- (B) It is a space probe of NASA for a comet.
- (C) It is satellite of China for meteorology.
- (D) It is a space probe of European Space Agency for mapping Milky Way.

67. Consider the following statements regarding self-driven cars:

- 1. It cannot navigate without human command but can automatically detect their surroundings.
- 2. These cars are powered by Artificial Intelligence.

Which of the statements given above is/are correct?

- (A) 1 only
- (B) 2 only
- (C) Both 1 and 2
- (D) Neither 1 nor 2

68. 'Stromatolites' are?

- (A) These are the sediments found in river beds containing silica.
- (B) These are the type of soil rich in nitrogen.
- (C) These are the layers of sediments buildup after crystallization of lava.
- (D) These are the trapped sediments found in Precambrian rocks as the earliest known fossils.

69. Recently, a European satellite has mapped the most accurate 3D map of the Milky Way. What is the name of that satellite?

- (A) GAIA
- (B) OSIRIX-REX
- (C) SOHO
- (D) CHEOPS

70. The Nobel Prize 2016 in Physics is awarded for?

- (A) Theory of relativity
- (B) For the discovery of Neutrino oscillations, which shows that neutrinos have mass
- (C) For the Invention of Blue light emitting diodes.
- (D) Discovery of topological phase transitions and topological phases of matter.

71. The Nobel Prize 2016 in chemistry is awarded to whom and for what?

- (A) Jean-Pierre Sauvage, Sir J. Fraser Stoddart and Bernard L. Feringa for the design and synthesis of molecular machines.
- (B) Tomas Lindahl, Paul Modrich, Aziz Sancar for mechanistic studies of DNA repair.
- (C) Dan Shechtman for the discovery of quasi crystals.
- (D) None of the above

72. What is 'Hyperelastic Bone'?

- (A) It is a bone piece taken from the patient's body usually from hip or rib and implanted where else it's needed.
- (B) It is synthetic material used for new bone to grow under the skin.
- (C) It is a 3D printable ink that produces a synthetic bone implant.
- (D) None of the above.

73. Recently India's GSAT 18, communication satellite was launched from?

- (A) Satish Dhawan Space Centre, Sriharikota, Andhra Pradesh, India.
- (B) Vikram Sarabhai Space Centre, Thiruvananthapuram, India.
- (C) Guiana Space Centre, Kourou, French Guiana.
- (D) Cape Canaveral, Florida, USA.

74. 'Aryaman' and 'Atulya' are?

- (A) Indian Coast Guard Ships
- (B) Fighter planes
- (C) Ballistic Missiles
- (D) Destroyer

75. Consider the following statements regarding Nature Index 2016 Rising Stars report:

1. The report ranked countries with highest increase in their contribution to environment protection.
2. According to the report, India ranked second and was only behind USA.

Which of the statements given above is/are correct?

- (A) 1 only
- (B) 2 only
- (C) Both 1 and 2
- (D) Neither 1 nor 2

76. What is 'Cattle genomics'?

- (A) It is an academic stream dealing with genetic study of cattle.
- (B) It is a program of Government aimed at improving the genetic health of cattle population through genomic selection.
- (C) It is a technology for development of high density DNA chips using cattle genes.
- (D) It is a farmer centric scheme of government, where scientist will work in sync with farmers to solve their problems.

77. Recently, a Nanogenerator that could produce up to 14 volts of electric power on applying pressure through thumb has been developed by which of the following Institution?

- (A) Indian Institute of Science
- (B) IIT Madras
- (C) Indian Institute of science education and research
- (D) Council of scientific and industrial research.

78. Planetary rings are found around which of the following planets?

1. Saturn
2. Uranus
3. Mars
4. Venus
5. Neptune

Select the correct answer using the code given below.

- (A) 1, 2 and 4 only
- (B) 1 and 2 only
- (C) 1, 2 and 5 only
- (D) 1, 2, 3, 4 and 5

79. What is MCR-1?

- (A) It is last mile antibiotic
- (B) It is kind of infection
- (C) It is a kind of flu recently detected in India
- (D) It is a resistance causing gene

80. India has recently announced a Newton Fund Research program with which of the following countries?

- (A) United Kingdom

- (B) United States of America
(C) Russia
(D) Japan
- 81. Recently researchers at the Indian Institute for Science Education and Research (IISER) in Kolkata have produce metal free cathodes to be used in solar cells using which of the following?**
- (A) Human nails
(B) Human hairs
(C) Human DNA
(D) Human gland
- 82. Consider the following statements regarding CERN:**
1. It is the world's largest nuclear and particle physics laboratory.
 2. India recently got full membership of CERN.
- Which of the statement given above is/are not correct?**
- (A) 1 only
(B) 2 only
(C) Both 1 and 2
(D) Neither 1 nor 2
- 83. Consider the following statements regarding E-Paper:**
1. It is the technology mimicking appearance of ordinary ink on paper.
 2. It works best in dark like standard LED displays work.
- Which of the statements given above is/are correct?**
- (A) 1 only
(B) 2 only
(C) Both 1 and 2
(D) Neither 1 nor 2
- 84. Which of the following statements is/are true?**
1. Recently the first Indian Mushroom Growers Association (IMGA) was launched.
 2. Mushroom has low bio-efficiency.
- Select the correct answer using the code given below.**
- (A) 1 only
(B) 2 only
(C) Both 1 and 2
(D) Neither 1 nor 2
- 85. What is EmDrive (Electromagnetic drive)?**
- (A) It is a data storage device which works with the use of solar energy.
(B) It is a new technology in Automobile sector.
(C) It is a microwave thruster that aims to replace rocket engines.
(D) It is a new device being developed that can store and bring data from space.
- 86. COP 7 meet for WHO's Framework Convention on Tobacco Control (FCTC) was recently held in?**
- (A) Istanbul, Turkey
(B) Washington D.C, USA
(C) Quito, Ecuador
(D) New Delhi, India
- 87. YAMANAKA Genes can be used for?**
1. Regenerating old cells
 2. Grow new organs
 3. Converting adult cells into pluripotent stem cells
 4. Generating RBCs

5. Bone implants

Select the correct answer using the code given below.

- (A) 1 and 2 only
- (B) 1, 3 and 4 only
- (C) 1, 2, 3 and 4 only
- (D) 1, 2, 3, 4, and 5

88. What is AQUAPONIC Farming?

- (A) It is a kind of inorganic farming bringing together Pisciculture and Viticulture
- (B) It is a kind of organic farming bringing together Pisciculture and Sericulture
- (C) It is a kind of inorganic farming bringing together Aquaculture and Pisciculture
- (D) It is a kind of organic farming bringing together Aquaculture and Horticulture.

89. Human can acquire the Brucellosis infection through?

- 1. Consumption of Dairy products
- 2. Consumption of fertilized agro products
- 3. Contacting contaminated animal secretion

Select the correct answer using the code given below.

- (A) 1 and 2 only
- (B) 1 only
- (C) 1 and 3 only
- (D) 1, 2 and 3

90. Consider the following statements regarding Quantum Communications:

- 1. It is a high security communication technology restricting interception by hacker.
- 2. It uses quantum cryptography.
- 3. Pakistan has recently launched a 712 km quantum communication line.

Which of the statements given above is/are correct?

- (A) 1 and 2 only
- (B) 2 only
- (C) 1 and 3 only
- (D) 1, 2 and 3

91. Recently, the First Water wave laser has been created by which of the following countries?

- (A) China
- (B) North Korea
- (C) Israel
- (D) India

92. What is Mare Imbrium?

- (A) A region in North-western hemisphere on Mars
- (B) A region in the North-Western hemisphere on Moon
- (C) A Goldilock Zone around Mars
- (D) A region in the Venus where evidences of Steep canyons has been found

93. 'Konkan 16' is a 2016 edition of annual bilateral maritime exercise between?

- (A) Indian Navy and Royal Australian Navy
- (B) Indian Navy and Japanese Navy
- (C) Indian Navy and Royal Navy
- (D) Indian Navy and Israeli Navy

94. What is WIFEX?

- (A) It is a new project to connect a metro city with a single Wi-Fi.
- (B) It is an experiment to provide Wi-Fi like services using solar energy.
- (C) It is a campaign of government to develop better forecasting of winter fog.

- (D) It is a program of government to increase contribution of private sector in the field of research and development in communication technology to achieve the aim of Digital India.
- 95. Consider the following statements regarding RESOURCESAT-2A satellite:**
1. It is a navigation satellite intended for resource monitoring.
 2. Its weight is 1,235 kg.
 3. It will follow the mission of Resourcesat-1 and Resourcesat-2 launched in 2003 and 2011 respectively.
- Which of the statements given above is/are correct?**
- (A) 1 and 2 only
(B) 2 and 3 only
(C) 3 only
(D) 1, 2 and 3
- 96. The India International Science Festival aims at?**
- (A) Showcasing developments in the field of science and technology in India.
(B) Collaborating International Science institutions.
(C) Attracting global community towards the contribution of India in the development of science and technology.
(D) Encouraging and developing scientific temper among young minds.
- 97. EKUVERIN is Military exercise between India and which of the following countries?**
- (A) Russia
(B) Israel
(C) Maldives
(D) Mauritius
- 98. INDRA NAVY is a bilateral military exercise between?**
- (A) India and USA
(B) India and Japan
(C) India and United Kingdom
(D) India and Russia
- 99. The new scheme of government 'Digi-Dhan Yojana' aims at?**
- (A) Financial inclusion
(B) Improving financial literacy
(C) Providing information related to benefits of demonetization
(D) Incentivizing digital payments
- 100. Which of the following districts is being developed as India's first ever carbon neutral district?**
- (A) Majuli
(B) Bodhgaya
(C) Varanasi
(D) Guwahati

Answers

1. (C), 2. (D), 3. (A), 4. (A), 5. (B), 6. (C), 7. (C), 8. (D), 9. (C), 10. (A), 11. (C), 12. (A), 13. (C), 14. (A), 15. (A), 16. (D), 17. (C), 18. (D), 19. (C), 20. (C), 21. (D), 22. (A), 23. (D), 24. (B), 25. (D), 26. (D), 27. (D), 28. (B), 29. (D), 30. (D), 31. (A), 32. (B), 33. (C), 34. (B), 35. (C), 36. (A), 37. (b), 38. (C), 39. (A), 40. (D), 41. (A), 42. (B), 43. (D), 44. (C), 45. (C), 46. (A), 47. (A), 48. (C), 49. (C), 50. (B), 51. (C), 52. (A), 53. (C), 54. (A), 55. (C), 56. (A), 57. (A), 58. (C), 59. (A), 60. (C), 61. (B), 62. (A), 63. (B), 64. (C), 65. (C), 66. (A), 67. (B), 68. (D), 69. (A), 70. (D), 71. (A), 72. (B), 73. (C), 74. (A), 75. (D), 76. (B), 77. (C), 78. (C), 79. (D), 80. (A), 81. (B), 82. (B), 83. (A), 84. (A), 85. (D), 86. (D), 87. (C), 88. (D), 89. (C), 90. (A), 91. (C), 92. (B), 93. (C), 94. (C), 95. (B), 96. (D), 97. (C), 98. (D), 99. (D), 100. (A)