

1. Consider the following statements :
 1. Microplastics are small pieces of plastic, less than 5 mm in length, that occur in the environment as a consequence of plastic pollution.
 2. Microplastics are present in cosmetics, synthetic clothing, plastic bags and bottles.
 3. Normal Plastic is not biodegradable, whereas Microplastics are biodegradable.
 Which of the above statements is/are correct?
 (a) 1, 2 (b) 1, 3
 (c) 2, 3 (d) 1, 2, 3
2. Consider the following statements regarding Renaming of states in India :
 1. The procedure of renaming of the state can be initiated by either the Parliament or the State Legislature.
 2. Article 3 lays down that a bill to alter the name of any state can be introduced in the Parliament, only with the prior recommendation of the President.
 3. After recommending the bill to alter the name of any state to the Parliament, the President has to refer the same to the state legislature concerned for expressing its views within a specified period.
 Which of the above statements is/are correct?
 (a) 1, 3 (b) 2 only
 (c) 1, 2 (d) 2, 3
3. Consider the following statements regarding Microdot technology :
 1. Microdot technology involves spraying the body and parts of the vehicle or any other machine with microscopic dots, which give a unique identification.
 2. These microdots can be read physically with a microscope and identified with ultra violet light source.
 3. The microdots cannot be removed without damaging the vehicle itself.
 Which of the above statements is/are correct?
 (a) 1, 2 (b) 2, 3
 (c) 1, 3 (d) 1, 2, 3
4. Consider the following statements about Ethanol :
 1. In India, ethanol is mainly produced from sugarcane molasses by fermentation process.
 2. It allows the engine to more completely combust the fuel.
 3. Ethanol is also considered as renewable fuel.
 Which of the above statements is/are correct?
 (a) 1, 2 (b) 2 only
 (c) 2, 3 (d) 1, 2, 3
5. Consider the following statements regarding Atal Tinkering Laboratories (ATLs) :
 1. Atal Innovation Mission is establishing Atal Tinkering Laboratories (ATLs) with a vision to 'Cultivate one Million children in India as Neoteric Innovators'.
 2. At present, only schools managed by Government and local body can set up Atal Tinkering Laboratories.
 3. Financial assistance is provided as grant-in-aid for both establishment and operational expenses of Atal Tinkering Laboratories.
 Which of the above statements is/are correct?
 (a) 1, 2 (b) 1, 3
 (c) 2, 3 (d) 1, 2, 3
6. Which of the following statements regarding Indian Urban data exchange stands true ?
 1. The platform is intended to facilitate easy and efficient exchange of data among various stakeholders of Smart Cities by interconnecting disparate urban data platforms, and enabling co-creation and innovation.
 2. ISRO will lead this effort to create the specifications for such a data exchange platform in collaboration with industry, NGOs and other government agencies.

3. Such a framework will enable a true data empowerment for the city's administrators and other stakeholders and usher in the phase of data driven, smart operations for our cities.

Choose the correct option from the following :

- (a) 1 & 2 only (b) 2 & 3 only
(c) 1 & 3 only (d) All of the above

7. The World Energy Congress 2019 took place in which of the following cities ?

- (a) London (b) Geneva
(c) Abu Dhabi (d) Stuttgart

8. Consider the following statements :

1. India is a signatory of the United Nations Convention on Rights of Persons with Disabilities (UNCRPD).
2. Parties to the Convention are required to promote, protect, and ensure the full enjoyment of human rights by people with disabilities and ensure that they enjoy full equality under the law.
3. RPwD Act, 2016, launch of Accessible India Campaign, establishment of National Institute of Mental Health Rehabilitation (NIMHR) to address issues concerning psycho-social disability, establishment of Centre for Disability Sports, achievements in distribution of aids and assistive devices, etc. are efforts taken by India towards empowering the disabled.

Which of the above statements are true ?

- (a) 1 & 2 only (b) 2 & 3 only
(c) 1 & 3 only (d) All of the above

9. Consider the following pairs of thermal power plants and their location states :

1. Thumbli : Rajasthan
2. Kudatini : Karnataka
3. Kayamkulam : Tamilnadu
4. Vindhyanchal : Odisha
5. Tiroda : Maharashtra

Which of the above pairs are correctly matched ?

- (a) 1, 2 & 3 only
(b) 3, 4 & 5 only
(c) 1, 2 & 5 only
(d) 2, 3 & 5 only

10. Prime Minister Narendra Modi launched the Kisan Maan Dhan Yojana on the 12th of September at Ranchi, Jharkhand . Which of the following statements regarding the same stands true ?

1. The Scheme shall secure the lives of 5 Crore Small and Marginal Farmers by providing a minimum pension of Rs 3000 per month, to those who attain 60 years of age.
2. All the small and marginal farmers who are currently between the ages of 18 to 40 years can apply for the scheme.
3. Farmer's monthly contribution can be made from the instalments of PM-KISAN or through CSCs.

Choose the correct option from the following :

- (a) 1 & 2 only
(b) 2 & 3 only
(c) 1 & 3 only
(d) All of the above

11. Consider the following statements :

1. In India, Rajasthan is the largest producer of salt followed by Gujarat.
2. Rajasthan and Gujarat together account for more than 80% of the salt production in the country.
3. India has made fortification of salt with iodine mandatory for direct human consumption.

Which of the above statements is/are correct?

- (a) 3 only (b) 1, 3

- (c) 2, 3 (d) 1, 2
12. Consider the following statements regarding Iodine :
1. Iodine is a vital macro-nutrient for optimal mental and physical development of human beings.
 2. Deficiency of iodine can lead to hypothyroidism, abortion, still births, mental retardation and psychomotor defects.
 3. Children born in iodine deficient areas may have low intelligence quotient (IQ).
- Which of the above statements is/are correct?
- (a) 1, 2 (b) 1, 3
(c) 2, 3 (d) 1, 2, 3
13. Consider the following statements about Kyasanur Forest disease (KFD) :
1. It is a tick-borne viral haemorrhagic fever endemic to South India.
 2. Viruses related to KFDV have been identified in China and Saudi Arabia.
 3. There is widespread person to person transmission of the disease.
 4. A vaccine for KFD is not yet available.
- Which of the above statements is/are correct?
- (a) 1, 2 (b) 1, 2, 3
(c) 2, 3, 4 (d) 1, 3, 4
14. Consider the following statements regarding Regulatory Sandbox :
1. A regulatory sandbox refers to live testing of new products or services in a controlled environment for which regulators may permit certain regulatory relaxations for the limited purpose of the testing.
 2. It will help fintech companies launch innovative products at a lower cost and in less time.
 3. With the aim of financial inclusion, all fintech companies are allowed access to the Regulatory Sandbox.
- Which of the above statements is/are correct?
- (a) 1, 3 (b) 2, 3
(c) 1, 2 (d) 1, 2, 3
15. Consider the following statements regarding Pradhan Mantri Kisan Samman Nidhi (PM-KISAN).
1. PM KISAN is a Central Sector scheme with 100% funding from Government of India
 2. Under this programme, vulnerable landholding farmer families, having cultivable land upto 2 acres, will be provided direct income support at the rate of Rs. 6,000 per year.
 3. Definition of family for the scheme is husband, wife and minor children.
 4. All Institutional Land holders are eligible beneficiaries.
- Which of the above statements is/are correct?
- (a) 1, 2, 3 (b) 1, 3
(c) 2, 3, 4 (d) 1, 3, 4
16. Consider the following statements :
1. Tamil Nadu produces 71% of salt in the country, followed by Rajasthan at 17% and Gujarat at 11%. The rest of the country accounts for a mere 1% of salt produced.
 2. Iodine is a vital micro-nutrient for optimal mental and physical development of human beings. Deficiency of iodine can result in a range of disabilities and disorders such as goitre, hypothyroidism, cretinism, abortion, still births, mental retardation and psychomotor defects
 3. India made fortification of salt with iodine mandatory for direct human consumption in 1992. This was relaxed in 2000 and then re-imposed in 2005.
- Which of the above statements are true ?
- (a) 1 & 2 only (b) 2 & 3 only
(c) 1 & 3 only (d) All of the above
17. Centre has announced the rollout of Aadhaar Enabled Payment System (AePS) Services by India Post Payments Bank (IPPB), giving a strong boost to its efforts in expanding access to financial services for millions of unbanked and under banked customers.

Which of the following statements regarding the same stands true ?

1. With the launch of AEPS services, IPPB has now become the single largest platform in the country for providing interoperable banking services to the customers of ANY BANK by leveraging the last mile unprecedented reach of the Postal network.
2. To avail these services, a customer with an Aadhaar linked account can simply authenticate his/her identity with fingerprint scan & Aadhaar authentication to complete a transaction along with uploading of his PAN card details.
3. AePS services are bank-agnostic and are driven by an inexpensive infrastructure enabling low cost delivery of doorstep banking services to every section of the society without discrimination, thus bringing forth the dawn of a 'Truly Inclusive Financial System'.

Choose the correct option from the following :

- (a) 1 & 2 only (b) 2 & 3 only
 (c) 1 & 3 only (d) All of the above

18. The recently inaugurated "Motihari-Amlekhganj" energy pipeline by India serves to ensure stable energy supply for which of the following countries in the Indian sub continent ?

- (a) Sri Lanka (b) Nepal
 (c) Bangladesh (d) Afghanistan

19. India's kharif food grain production is set to decline in 2019 after three consecutive years of record high production, said ratings agency CRISIL.

Which of the following crops are considered as Kharif crops in India ?

1. Oat
2. Ragi
3. Chickpea
4. Groundnut
5. Arhar

Choose the correct option from the following :

- (a) 1, 2 & 3 only
 (b) 2, 4 & 5 only
 (c) 1, 3 & 5 only
 (d) All of the above

20. Which of the following statements with respect to India's commitment to recover land degradation stands true ?

1. The decline in the productive capacity of the land due to climatic factors and human intervention is land degradation.
2. India faces a severe problem of land degradation, or soil becoming unfit for cultivation. About 29% or about 96.4 million hectares are considered degraded.
3. India would raise its ambition of the total area that would be restored from its land degradation status, from 21 million hectares to 26 million hectares between now and 2030.

Choose the correct option from the following :

- (a) 1 & 2 only (b) 2 & 3 only
 (c) 1 & 3 only (d) All of the above

ANSWER KEYS

- 01 a 02 c 03 d 04 d 05 b 06 c 07 c 08 d 09 c 10 d
 11 c 12 c 13 a 14 c 15 b 16 b 17 c 18 b 19 b 20 d