

1. Which of the following regarding global coffee production scenario stands true ?
 1. Asia's coffee production has almost doubled in recent years from 16-32%, with Vietnam and India contributing a major chunk.
 2. Amongst the Asian countries, India reported an increase in consumption of the beverage more than others.
 3. International Coffee Organization (ICO) is a Geneva based body set up under the auspices of the United Nations in 1963 to highlight the economic importance of coffee.

Choose the correct option :

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

2. An important source of livelihoods for tribal people are non-wood forest products, generally termed 'Minor Forest Produce (MFP)' means all non-timber forest produce of plant origin.

Which of the following can be included in the category of minor forest produce (MFP) :

1. Bamboo
2. Honey
3. Lac
4. Tusser
5. Black pepper

Choose the correct option :

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

3. Consider the following statements :
 1. The first planets beyond our solar system, called exoplanets, were spotted in the 1990s, but it has been tough for scientists to determine their composition. Studying white dwarfs offered a new avenue.
 2. A white dwarf is the burned-out core of a sun-like star. In its death throes, the star blows off its outer layer and the rest collapses, forming an extremely dense and relatively small entity that represents one of the universe's densest forms of matter more than that of neutron stars and black holes.
 3. Recently scientists have developed a new way of studying planets in other solar systems - by doing sort of an autopsy on planetary wreckage devoured by a white dwarf which showed that rocky worlds with geochemistry similar to Earth may be quite common in the cosmos.

Which of the above statements are true ?

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

4. National Green Tribunal has said that the availability of drinking water is the first priority. Industries and authorities concerned should find alternative ways for their sustenance instead of permitting indiscriminate withdrawal of groundwater.

Which of the following statements regarding the same stands true ?

1. The bench said that indiscriminate withdrawal of groundwater is against precautionary principle, Sustainable Development principle and the Inter-generational equity which are part of life.

2. Shortage of availability of water for commercial purposes cannot be remedied by the withdrawal of groundwater in overexploited, critically exploited and semi-critical exploited (OCS) areas.
3. Diminishing flow of non-glacier fed rivers, drying up of wetlands, changes in hydraulic behaviour of aquifers etc. are the likely impacts due to overexploitation of groundwater.

Choose the correct option :

- (a) 1 & 2 only (b) 2 & 3 only
 - (c) 1 & 3 only (d) All of the above
5. "Mt. Paektu" recently seen in news, is the highest mountain of the Changbai and Baekdudaegan ranges. Local people assign a mythical quality to the volcano and its caldera lake, considering it to be their country's spiritual home. It lies in the border between North Korea and which of the following countries ?
- (a) South Korea (b) China
 - (c) Taiwan (d) Russia

6. From the following statements :

1. GHI is published by WHO every year
2. In addition to the yearly GHI, the Hunger Index for the States of India (ISHI) was published in 2008

Choose the correct option :

- (a) Only 1 (b) Only 2
 - (c) Both 1 and 2 (d) None of these
7. Consider the following statements :
1. PM-JAY is one of the two components under Ayushman Bharat scheme/National Health Protection Scheme.
 2. It aims to reduce out of pocket hospitalization expenses by providing health insurance coverage up to Rs.5 lakh/family/year for primary, secondary & tertiary health care services.

Choose the correct option :

- (a) Only 1 (b) Only 2
 - (c) Both 1 and 2 (d) None of these
8. Consider the following statements :
1. AWSITC centres are established by Ministry of Skill Development and Entrepreneurship.
 2. It is being set up across 9 cities for the Media and Entertainment sector .

Choose the correct option :

- (a) Only 1 (b) Only 2
 - (c) Both 1 and 2 (d) None of these
9. Consider the following statements :
1. mHariyali App is launched to encourage Public engagement in planting trees and other such Green drives.
 2. The mobile app was launched by the Ministry of Housing and Urban Affairs

Choose the correct option :

- (a) Only 1 (b) Only 2
 - (c) Both 1 and 2 (d) None of these
10. Bluetongue is a
- (a) AI technology
 - (b) A bacterial disease

- (c) Accounting standard
- (d) non-contagious, viral disease

11. Consider the following statements regarding Emergency Response Support System (ERSS) :

1. ERSS is one of the key projects of Union Ministry of Home Affairs (MHA).
2. Under ERSS there is a single emergency response number across the country.
3. In India, the decision to launch the ERSS system was taken in the wake of the 2012 Delhi bus gangrape case.

Which of the above statements is/are correct?

- (a) 1, 2
- (b) 1, 3
- (c) 2, 3
- (d) 1, 2, 3

12. Consider the following statements :

1. National Institute of Solar Energy, an autonomous institution of Ministry of New and Renewable (MNRE), is the apex National R&D institution in the field Solar Energy.
2. Indian Renewable Energy Development Agency Limited (IREDA) is a Mini Ratna (Category – I) Government of India Enterprise under the administrative control of Ministry of New and Renewable Energy (MNRE).
3. Solar Energy Corporation of India is the only CPSU dedicated to the solar energy sector.

Which of the above statements is/are incorrect?

- (a) 1 only
- (b) 2 only
- (c) 3 only
- (d) 1 and 2 only

13. Consider the following statements about Geothermal Energy :

1. India is in Low Geothermal Potential Region.
2. The National Building Code 2016 has included geo-thermal cooling and heating as one of the energy efficient options.
3. Philippines, Turkey, and New Zealand are some of the leading countries availing commercial exploitation of Geothermal Energy.

Which of the above statements is/are correct?

- (a) 1 and 2
- (b) 2 and 3
- (c) 1 and 3
- (d) 1, 2, 3

14. 'One country, two systems' recently seen in news is the policy of which country

- (a) Japan
- (b) South Korea
- (c) China
- (d) Philippines

15. Consider the following statements regarding Convention on the Rights of the Child :

1. The Convention on the Rights of the Child is a new human rights treaty, that outlines the civil, economic, social, political and cultural rights of children.
2. Nations that ratify this convention are bound to it by international law.
3. India is a party to the convention.

Which of the above statements is/are correct?

- (a) 1, 2
- (b) 1, 3
- (c) 2, 3
- (d) 1, 2, 3

16. Consider the following statements :

1. A novel security ink has been synthesized by researchers from the Delhi-based National Physical Laboratory (CSIR-NPL).
2. It emits green colour soon after the UV source is turned off due to Fluorescence phenomenon.

Choose the correct option :

- (a) Only 1 (b) Only 2
 (c) Both 1 and 2 (d) None of these

17. Consider the following statements :

1. The 20th livestock census has been released by the Ministry of Fisheries, Animal Husbandry and Dairying
2. A decline has been observed in the annual census of livestock

Choose the correct option :

- (a) Only 1 (b) Only 2
 (c) Both 1 and 2 (d) None of these

18. Consider the following statements :

1. Ministry of Consumer Affairs, Food and Public Distribution launched Food Safety Mitra Scheme on the occasion of World Food Day, 2019.
2. The Food Safety Mitras would undergo training and certification by FSSAI and get paid by food businesses for their services.

Choose the correct option :

- (a) Only 1 (b) Only 2
 (c) Both 1 and 2 (d) None of these

19. Consider the following statements :

1. GOAL program was launched by Ministry of Tribal Affairs partners with NITI Aayog and Facebook.
2. GOAL aims at encouraging, inspiring and guiding tribal women from across India to become local level digitally literate leaders.

Choose the correct option :

- (a) Only 1 (b) Only 2
 (c) Both 1 and 2 (d) None of these

20. Consider the following statements :

1. A fuel cell is an electrochemical cell that converts the chemical energy of a fuel and an oxidizing agent into electricity through a pair of redox reactions
2. Microbial fuel cells are devices that use bacteria as the catalysts to oxidize organic and inorganic matter and generate current.

Choose correct

- (a) Only 1 (b) Only 2
 (c) Both 1 and 2 (d) None of these

ANSWER KEYS

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