

1. Consider the following statements:
  1. Brasilia Declaration intends to reduce road accidents and traffic fatalities by 50% by 2022.
  2. India is a signatory to the Brasilia Declaration.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
2. Kishanganga Project is a successful example of an “inter-basin” transfer of water from the:
  - (a) Markha Valley to Gurez Valley
  - (b) Gurez Valley to the Kashmir Valley
  - (c) Kashmir Valley to Markha Valley
  - (d) Gurez Valley to Markha Valley
3. The National Green Tribunal has given directions to the J&K government to stop the use of horses and ponies in Vaishno Devi shrine premises in Jammu because
  - (a) It wants to stop the exploitation of the animals.
  - (b) Some of the species are endangered in Jammu and Kashmir.
  - (c) The animals are being fed on vegetation which is protected under various Acts.
  - (d) Large amounts of untreated solid and liquid waste is being generated by them.
4. Consider the following statements about the Swachh Surveskshan 2018:
  1. It was organized by the Ministry of Housing and Urban Affairs.
  2. This was the first Pan-India sanitation survey to assess sanitation levels in all the cities and towns of the country.
  3. The on-field survey for Swachh Survekshan has been conducted by an independent agency.Select the correct answer using the code given below:
  - (a) 1 and 2 only
  - (b) 2 and 3 only
  - (c) 1 and 3 only
  - (d) All of the above
5. Consider the following statements about the draft National Forest Policy, 2018:
  1. The new policy targets of having 33% of India’s geographical area under forest and tree cover.
  2. It speaks about private participation in forest management.
  3. It proposes a green tax for facilitating ecologically responsible behaviour.Select the correct answer using the code given below:
  - (a) 1 and 2 only
  - (b) 2 and 3 only
  - (c) 1 and 3 only
  - (d) All of the above
6. Consider the following statements:
  1. Ethanol is a colourless volatile flammable liquid which is produced by the natural fermentation of sugars.
  2. Ethanol used as fuel is the same type of alcohol found in alcoholic beverages.
  3. Vehicles do not need any modifications to use blended fuel, which typically is 10 percent ethanol and 90 percent gasoline.Select the correct answer using the code given below:
  - (a) 1 and 2 only
  - (b) 2 and 3 only
  - (c) 1 and 3 only
  - (d) All of the above

7. Bombay Stock Exchange has become the first Indian exchange to be recognised as a designated offshore securities market (DOSM) by the U.S. Securities and Exchange Commission (SEC). Which of the following could be the possible benefits?
- The DOSM status allows sale of securities to U.S. investors through the trading venue of BSE without registration of such securities with the U.S. SEC.
  - The recognition will also enhance the attractiveness of Indian Depository Receipts (IDRs) amongst US investors.
  - Certain directors and officers of dual-listed companies will be permitted to resell their securities on BSE, regardless of any restrictions or holding periods that may apply under US securities laws.
  - All of the above
8. Which of the following software giants has recently formed a blockchain-based trade finance network with seven private-sector banks to increase security and efficiency in the banking sector?
- Infosys
  - Wipro
  - Tata Consultancy Services
  - Satyam Computers services Limited
9. Consider the following statements about the Navika Sagar Parikrama:
- This was the first-ever Indian circumnavigation of the globe by an all-women crew.
  - This involved the indigenously built vessel.
  - One of its aims was to showcase Nan Shakti on world platform.
- Select the correct answer using the code given below:
- 1 and 2 only
  - 2 and 3 only
  - 1 and 3 only
  - All of the above
10. Which of the following is the first treaty to achieve universal ratification by all countries in the world?
- Montreal Protocol
  - Vienna Convention
  - Hague Convention
  - Lisbon Agreement
11. Consider the following statements:
- Arsenic can get into the human body through drinking water as well as from crops irrigated with arsenic contaminated groundwater.
  - Arsenic present in inorganic forms is toxic whereas organic forms of arsenic mainly present in sea foods are less-toxic.
  - Boiling removes arsenic from drinking water.
- Select the answer using the code given below:
- 1 and 2 only
  - 2 and 3 only
  - 1 and 3 only

(d) All of the above

12. The 1949 Geneva Conventions protect which of the following category of persons?

1. Wounded and sick soldiers on land during war.
2. Wounded, sick and shipwrecked military personnel at sea during war.
3. Prisoners of war.
4. Civilians, including in occupied territory.

Select the answer using the code given below:

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

13. Consider the following statements:

1. The National Stock Exchange (NSE) has become the first Indian exchange to be recognised as a designated offshore securities market (DOSM) by the U.S. Securities and Exchange Commission (SEC).
2. Bombay Stock Exchange has become the first Indian exchange to get an exemption from the Commodity Futures Trading Commission (CFTC) that will allow members of the Indian exchange to trade in derivatives for U.S. clients.

Select the answer using the code given below:

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

14. Consider the following differences between normal SIM and eSIM:

1. An eSIM is a SIM card that cannot be removed from a device.
2. An eSIM has the ability to use and store multiple profiles.
3. An eSIM takes up far less physical room inside a device.

Select the answer using the code given below:

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

15. Stock prices can be affected by:

1. Inflation
2. Deflation
3. Changes in economic policy
4. Economic and political shocks

Select the answer using the code given below:

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

16. Consider the following statements:

1. The Gravity Recovery and Climate Experiment (GRACE) spacecraft mission is a joint project of NASA and the German Aerospace Center.
2. Its aim is to track global trends in freshwater in different regions around the world.

Select the answer using the code given below:

- (a) 1 only                      (b) 2 only  
(c) Both 1 and 2              (d) Neither 1 nor 2

17. Parties to the Montreal Protocol adopted the Kigali amendment to phase down production and consumption of:

- (a) Hydrofluorocarbons (HFCs)  
(b) Hydrochlorofluorocarbons (HCFCs)  
(c) Chlorofluorocarbons (CFCs)  
(d) All of the above

18. Consider the following statements:

1. Unlike ethanol, methanol is a dangerous alcohol that can be fatal if swallowed.
2. Unlike ethanol, methanol cannot be used as an alternative/additive to conventional fuels.

Select the answer using the code given below:

- (a) 1 only                      (b) 2 only  
(c) Both 1 and 2              (d) Neither 1 nor 2

19. Which of the following is 'not' a correct advantage of biofuels?

- (a) Reducing the occurrence of environmental pollution  
(b) Renewability  
(c) Carbon neutral  
(d) Higher energy output

20. Which of the following are correctly matched?

1. Tornado: Fujita scale
2. Hurricane: Saffir-Simpson Scale
3. Earthquakes: Richter scale

Select the answer using the code given below:

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

## ANSWER KEYS

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